HAAS®
Technology that simply connects. Nürnberg

Since over 75 years quality & innovation for the plumbing trade.

Catalog 7.5

Technology, that simply connects...



Visit also our website for more information:
www.haas.de

HAAS - technology that simply connects.

Since more than 70 years, our company philosophy has been based on this "simple but very accurate sentence.

With entrepreneurial courage, permanent analysis and good ideas, we have developed ourselves from the manufacturer of nipples and gaskets to the complete supplier for Pipe connections.

In our current product catalog, which will be valid on 01.01.2017, we will present you with many new products but also proven.

With even more information, product drawings and innovative problem solvers, this catalog is an optimal helper for your success.

Especially useful information and, above all, our ***"Connector-Finder-App"*** can be found at: www.haas.de and in the App Store.

For more than 70 years of quality and innovation for the SHK-craft, we stand with our name.



Dipl.-Ing. Thomas Haas
-General management-



Martin Hanzlik
-Sales & sales management-

Note:

All informations, illustrations and dimensions in our catalog correspond to the current status. In the case of qualitative or technical modifications, we reserve the right to make changes. A warranty claim can not be derived from our informations.

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Our information is not subject to the amendment service.

You can find our current general terms and conditions at: ***www.haas.de/AGB***.

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Since over 75 years quality & innovation for the plumbing trade.

Chapter 01
Innovations





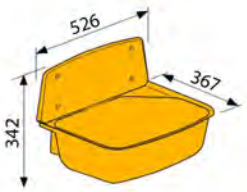
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Plastic universal sink "Greta"

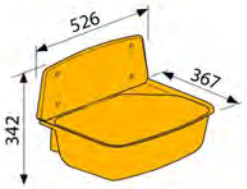
NEW

Made of impact-resistant polypropylene (= 100 % recycled material) with a capacity of approx. 14 l and splash guard. The sink saves about 2.800 grams of CO2 and about 70 kWh of primary energy.

► including drain set, screws and dowels
► Packed in a stable printed cardboard box!

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6239	1	32		grey	526 mm	342 mm	367 mm





Plastic universal sink range "Greta

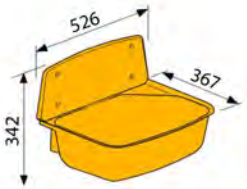
NEW

Made of impact-resistant polypropylene (=100 % recycled material) with a capacity of approx. 14 l and splash guard. The sink and the siphon saves about 3.100 grams of CO2 and about 77,5 kWh of primary energy.

► including siphon DN 50, drain set, screws and dowels
► Packed in sturdy printed cardboard box

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6243	1	32		grey	526 mm	342 mm	367 mm





Plastic universal sink range "Greta" with siphon DN 40/50

NEW

Made of impact-resistant polypropylene (=100 % recycled material) with a capacity of approx. 14 l and splash guard. The sink and the siphon saves about 3.100 grams of CO2 and about 77,5 kWh of primary energy.

► including siphon DN 40/50, drain set, screws and dowels
► Packed in sturdy printed cardboard box

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6283	1	32		grey	526 mm	342 mm	367 mm



PP recycling support grate "Greta

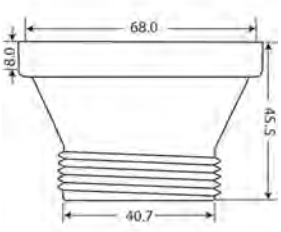
NEW

Made of impact-resistant polypropylene (= 100% recycled material). The support grate saves approx. 529 grams of CO2 and approx. 13.24 kWh of primary energy.

► Packed in a sturdy printed cardboard box!

Article no.	PU	PU	PU	Colour	Compatible for:
6214	1	10		grey	Plastic universal sink of the "Greta" series





Drain and siphon adapter for Ikea® sinks 1½", grey

NEW

Finally connect an IKEA® sink to a siphon. With the drain and siphon adapter for Ikea® sinks 1½" by HAAS - no problem! Made of impact-resistant polypropylene (= 100% recycled material). The adapter saves approx. 41.44 grams of CO2 and approx. 1.036 kWh of primary energy.

Article no.	PU	PU	PU	Colour	
2021	1	10		grey	



NEW

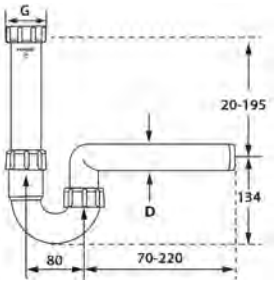
Plastic drain valve 1½" for sinks



Made of impact-resistant polypropylene (= 100% recycled material). The drain valve saves approx. 35 grams of CO2 and 0,88 kWh of primary energy.
► with stainless steel strainer
► individually packed in polybag

Article no.	PU	PU	PU	Colour	Size:
2053	5	25		grey	1½"





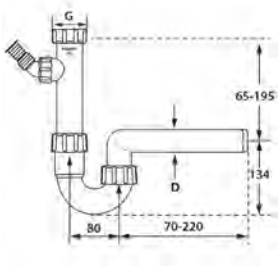
PP sink siphon 1½" Greta, made of 100 % recycled material

NEW

Made of impact-resistant polypropylene (= 100 % recycled material), with 240 mm long drain pipe and height-adjustable immersion pipe. The siphon saves about 300 grams of CO2 and about 7,5 kWh of primary energy.
► complete with all seals
► environmentally friendly packed with hemp string
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2946	15	300		grey	DN 40	1½"
2948	15	300		grey	DN 50	1½"



PP sink siphon 1½" Greta with a WS-Connection, made of 100 % recycled material

NEW

Made of impact-resistant polypropylene (= 100 % recycled material), with 240 mm long drain pipe and height-adjustable immersion pipe. The siphon saves about 300 grams of CO2 and about 7,5 kWh of primary energy.
► with a combination device connection ¾" and 1"
► complete with all seals
► environmentally friendly packed with hemp string
► according to DIN EN 274



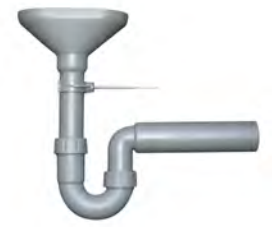
Article no.	PU	PU	PU	Colour	d:	Thread:
2949	15	300		grey	DN 50	1½"
2899	15	300		grey	DN 40	1½"



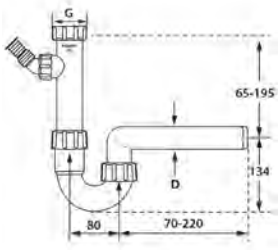
PP funnel siphon 1½" Greta, made of 100% recycled material

NEW

Made of impact-resistant polypropylene (=100% recycled material), suitable for Ø 50 mm pipes.
► complete with seals, hanger bolt and wall bracket
► environmentally friendly packed with hemp string
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:
2947	15	300		grey	DN 50



PP sink siphon 1½" Greta with a WS connection made of 100 % recycled material

NEW

Made of impact-resistant polypropylene (= 100% recycled material), with drain pipe 240 mm long and height-adjustable immersion tube. The siphon saves approx. 300 grams of CO2 and approx. 7.5 kWh primary energy.
► with a combination device connection ¾" and 1".
► Connection DN 40/50
► complete with all seals
► environmentally friendly packed with a hemp string
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2956	15	300		grey	DN 40/50	1½"

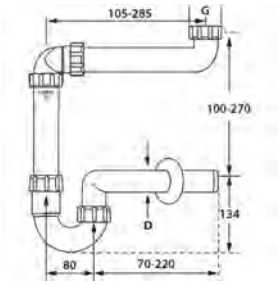
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW



PP recycled furniture space-saving-siphon 1 ¼" and 1½" Greta made of 100% recycled material

Made of impact-resistant polypropylene (= 100 % recycled material), with drain pipe 240 mm long and height-adjustable immersion tube. The siphon saves approx. 378 grams of CO2 and approx. 9.46 kWh of primary energy.
► complete with all seals
► environmentally friendly packed with a hemp cord
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2958	15	300		grey	DN 32	1¼" or 1½"
2959	15	300		grey	DN 40	1¼" or 1½"

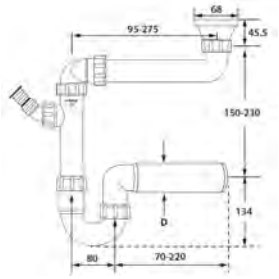
NEW



IKEA® Sink drain adapter 1½" with space-saving-siphon DN 50

IKEA® sink drain adapter 1½" with space-saving siphon DN 50. Finally connect an IKEA® sink to a siphon. Made of impact-resistant polypropylene (= 100% recycled material), with drain pipe 220 mm long and height-adjustable immersion pipe. The set saves approx. 435 grams of CO2 and approx. 10.75 kWh of primary energy.

► with a combination appliance connection ¾" and 1"
► environmentally friendly packaging
► according to DIN EN 274



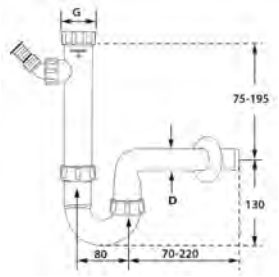
Article no.	PU	PU	PU	Colour	d:	Thread:
2064	1	15		grey	DN 50	1½"

NEW



PP ball closure siphon 1¼" and 1½" with one device connection

The ball closure siphon for sinks and washbasins has an ingenious System with one locking ball. The ball prevents the siphon, which has not been in use for a long time, from drying out, it is easy to clean.
► with a combination device connection ⅜", ¾" and 1"
► complete with all seals and accessories
► Spare part # 5487
► individually packed in polybag



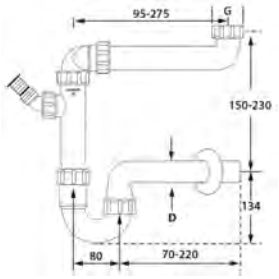
Article no.	PU	PU	PU	Colour	d:	Thread:
5469	1	15		white	DN 32	1¼" or 1½"
5470	1	15		white	DN 40	1¼" or 1½"
5471	1	15		white	DN 50	1¼" or 1½"

NEW



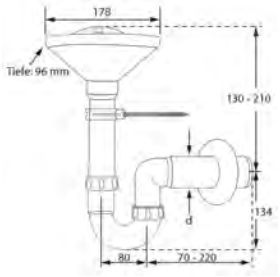
PP space-saving ball closure siphon 1¼" and 1½" with one device connection

The ball closure siphon for sinks and washbasins has an ingenious System with one locking ball. The ball prevents the siphon, which has not been in use for a long time, from drying out, it is easy to clean.
► with a combination device connection ⅜", ¾" and 1"
► complete with all seals and accessories
► Spare part # 5487
► individually packed in polybag



Article no.	PU	PU	PU	Colour	d:	Thread:
5472	1	15		white	DN 32	1¼" or 1½"
5473	1	15		white	DN 40	1¼" or 1½"
5474	1	15		white	DN 50	1¼" or 1½"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

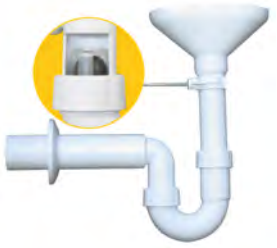


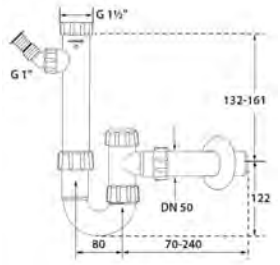
PP funnel ball closure siphon

NEW

The ball closure siphon for sinks and washbasins has an ingenious System with one locking ball. The ball prevents the siphon, which has not been in use for a long time, from drying out, it is easy to clean.
► complete with all seals and accessories
► Spare part # 5487
► individually packed in polybag

Article no.	PU	PU	PU	Colour	d:
5475	1	15	300	white	DN 50





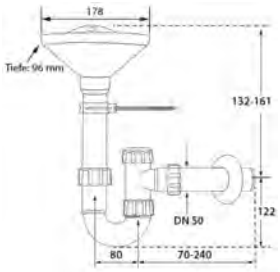
PP ball closure siphon 1½" & 1¼", with one device connection and one cleaning opening

NEW

The ball closure siphon for sinks and washbasins has an ingenious System with one locking ball. The ball prevents the siphon, which has not been in use for a long time, from drying out, it is easy to clean.
► with a combination device connection ⅜", ¾" and 1"
► with one cleaning opening
► complete with all seals and accessories
► Spare part # 5487
► individually packed in polybag

Article no.	PU	PU	PU	Colour	d:	Thread:
5485	1	15		white	DN 50	1½" or 1¼"





PP funnel ball closure siphon with cleaning opening

NEW

The ball closure siphon for sinks and washbasins has an ingenious System with one locking ball. The ball prevents the siphon, which has not been in use for a long time, from drying out, it is easy to clean.
► with cleaning opening
► complete with all seals and accessories
► Spare part # 5487
► individually packed in polybag

Article no.	PU	PU	PU	Colour	d:
5486	1	10		white	DN 40/50/56





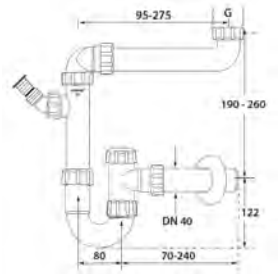
Float ball for ball closure siphon

NEW

Accessories for all ball closure siphons in our range.

Article no.	PU	PU	PU	Colour	
5487	5	50		grey	





PP space-saving siphon 1½" and 1¼" with one device connection and cleaning opening

NEW

In sophisticated design, made of impact-resistant polypropylene, with drain pipe 220 mm long and height-adjustable immersion pipe
► with one with a device connection 1", ¾" & ⅜"
► individually packed in polybag, incl. assembly instructions
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
5488	1	15		white	DN 40/50/56	1½" or 1¼"



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

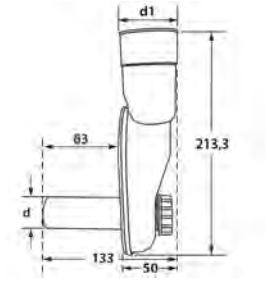
Space-saving washing machine siphon set "Schmalhans"



In sophisticated design, made of impact-resistant polypropylene, incl. hose connections DN 40, with cleaning opening, wall bracket and rubber nipple for DN 32/40/50, also for condensate.

► integrated odour trap with barrier water height of 50 mm
► easy cleaning due to cleaning opening 1" (AG) on the front side
► enclosed fastening clip secures the siphon from slipping out
► 90° and 180° connection spout, suitable for hoses from 8.2 - 26.5 mm internal diameter
► extra narrow - max. installation depth of 50 mm
► very good chemical resistance

Article no.	PU	PU	PU	Colour	d:	d1:
1950	1	5		white	DN 32/40/50	DN 40



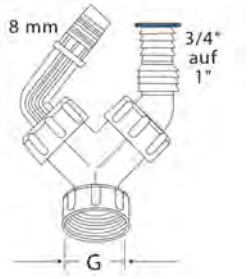
NEW

Condensate and appliance connection spout "Save" 1", ¾" on 1" and 8mm with backflow preventer



Condensate and appliance connection spout "Save" 1", ¾" on 1" and 8mm condensate connection with new revolutionary backflow system, opens only when water drains. Complete with gasket, blind plug, 1" nut and combination connection ¾" to 1" and condensate connection 8 mm (flow min. 800 l/h). Suitable for Siphone with device connection.

Article no.	PU	PU	PU	Colour	Thread:	Device connection:	Condensate connection:
2969	5	50		white	1"	¾" to 1"	8 mm



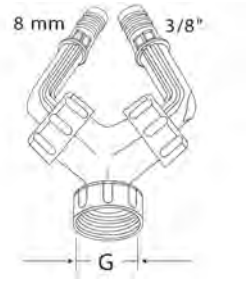
NEW

Condensate connection spout "Save" ⅜"/10 mm and 8 mm with backflow preventer



Condensate connection spout "Save" with ⅜"/10 mm and 8mm condensate connection made of impact resistant polyamide with glass fiber and with new revolutionary backflow system, opens only when water drains. Complete with gasket, 1" nut, condensate connection ⅜"/10 mm and condensate connection 8 mm (flow min. 800 l/h). Suitable for Siphone with device connection.

Article no.	PU	PU	PU	Colour	Thread:	Condensate connection1:	Condensate connection2:
2968	5	50		white	1"	⅜" / 10 mm	8 mm



NEW

OHA Multitri free drain according to DIN 1717

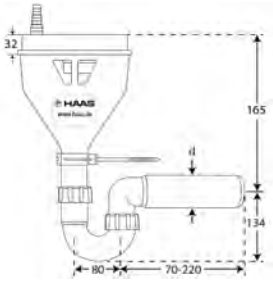


Ideal for use where drinking water may come into contact with dirty water. Safe drainage of overflow lines such as backwash and regeneration lines of softening as well as water treatment plants, safety valves, pipe aerators, apparatus, tanks, drain or relief fittings and water treatment equipment. Made of impact-resistant polypropylene (= 100% recycled material). The Multitri saves approx. 231 grams of CO2 and approx. 5.79 kWh of primary energy.

► Protection of drinking water installations against contamination
► Separation of drinking water and drainage system
► Automatic safety according to DIN
► Practical & versatile
► no more improvisation possibilities
► Avoidance of incorrect installation
► Multifunctional due to universal application possibilities
► Observation and detection of unnecessary water losses
► suitable for hoses 8.0 - 15.0 mm

Article no.	PU	PU	PU	Colour	
6780	1	10	200	grey	





NEW

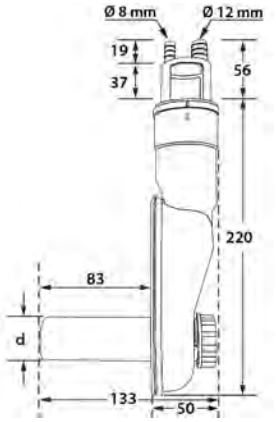
OHA Multitri with siphon and fixing free drain according to DIN 1717

Ideal for use where drinking water may come into contact with dirty water. Safe drainage of overflow lines such as backwash and regeneration lines of softening as well as water treatment plants, safety valves, pipe aerators, apparatus, tanks, drain or relief fittings and water treatment equipment. Made of impact-resistant polypropylene (= 100% recycled material). The Multitri saves approx. 291 grams of CO2 and approx. 7,28 kWh of primary energy.



► Protection of drinking water installations against contamination
► Separation of drinking water and drainage system
► Automatic safety according to DIN
► Practical & versatile
► no more improvisation possibilities
► Avoidance of incorrect installation
► Multifunctional due to universal application possibilities
► Observation and detection of unnecessary water losses
► suitable for hoses 8.0 - 15.0 mm

Article no.	PU	PU	PU	Colour	Compatible for:
6785	1	10	200	grey	DN 50



NEW

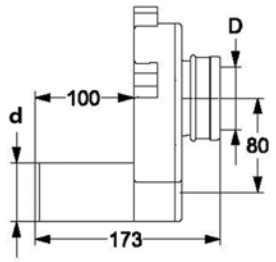
OHA Waste water connection siphon "Schmalhans" - free drain acc. to DIN 1717

In sophisticated design, made of impact-resistant polypropylene, with cleaning opening, wall bracket and rubber nipple for DN 32/40/50. Free outlet according to DIN 1717, e.g. for small softening systems up to a maximum of 1.2 m³/h.



► Protection of the drinking water installation against contamination
► Separation of drinking water and drainage system
► practical & versatile use and no more improvisation possibilities
► avoidance of incorrect installation
► multifunctional due to universal application possibilities
► observation and detection of unnecessary water losses
► enclosed fixing clip secures the siphon from slipping out
► Easy cleaning due to cleaning opening 1" (AG) on the front side
► Connection nozzle suitable for one hose each with an inner diameter of 8 mm and 12 mm
► integrated odour trap with water barrier height of 50 mm
► extra narrow - maximum installation depth of 50 mm
► very good chemical resistance
► flow rate: 8 mm spout = 800 l/h, 12 mm spout = 1300 l/h, 8 and 12 mm spout = 1500 l/h

Article no.	PU	PU	PU	Colour	Compatible for:
6790	1	5		white	DN 32/40/50



NEW

Urinal siphon horizontal with sensor, suitable for electronic flush from Grohe®

PE urinal siphon with horizontal outlet, made of PE (very good chemical resistance), with rubber seal, completely assembled. Suitable for ceramic connection Ø 48 - 52 mm.



► Height: 80 mm (from center "inlet" to center "outlet")
► according to DIN 1380:2001-05 and DIN 19541:2004-12
► Minimum flow rate: 0.6l/sec. or 36l/min
► with sensor holder

Including sensor for urinal control with electronic flush triggering. Suitable for Grohe® 39367000, 39368000, 39369000
► Length: 185 mm
► Connection: SK 5/4 female
► Protection class: IP 68
► Plug connection waterproof

Material (seal): EPDM, resistant to aging and weathering according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	d:	D:	Accessoires:
6282	1	5		blue	DN 50	DN 50	Extension cable: Item No. 6004

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

Urinal suction siphon height-adjustable with sensor, suitable for electronic flush from Grohe®



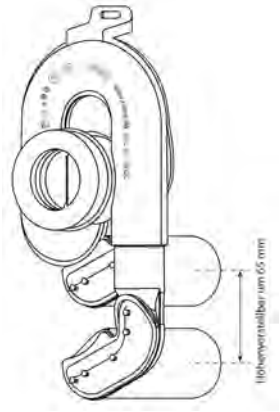
The height-adjustable urinal siphon compensates for height differences between the urinal siphon and the drain caused by construction by max. 65 mm.

- ► Maximum flow rate 0.6 l/sec. or 36 l/min.
- ► Inlet suitable for ceramic connections Ø 50 ±2 mm
- ► Outlet pipe Ø 50 mm suitable for HT pipe DN 50 socket
- ► recommended height 80 mm (from center of inlet to center of outlet)
- ► minimum height 65 mm (from center inlet to center outlet)
- ► maximum height 130 mm (from center inlet to center outlet)
- ► according to DIN 1380:2001-05 and DIN 19541:2004-12
- ► Material base body very good chemical resistance

Including sensor for urinal control with electronic flush release. Suitable for Grohe® 39367000, 39368000, 39369000.

- ► Length: 185 mm
- ► Connection: SK 5/4 female
- ► Protection class: IP 68
- ► Plug connection watertight

Material (seal): EPDM, resistant to aging and weathering, according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	d:	D:	Accessories:
6006	1	5		black	DN 50	DN 50	extension cable, Art. 6004

NEW

Sensor for urinal control with electronic flush trigger. Suitable for GROHE®



Sensor for urinal control with electronic flush release. Suitable for Grohe® 39367000, 39368000, 39369000.

- ► Length: 185 mm
- ► Connection: SK 5/4 female
- ► Protection class: IP 68
- ► Plug connection waterproof



Article no.	PU	PU	PU	Colour	Accessories:
6003	1			black	Extension cable, Art. 6004

NEW

Extension cable for urinal sensor suitable for Geberit®, Grohe® and Viega®



Extension cable for urinal sensor suitable for Geberit®, Grohe® and Viega®.

- ► Length: 80 cm
- ► Connection: SK 5/4 female and SK 5/4 male
- ► Protection class: IP 68
- ► Plug connection waterproof

Article no.	PU	PU	PU	Colour	
6004	1	5		black	

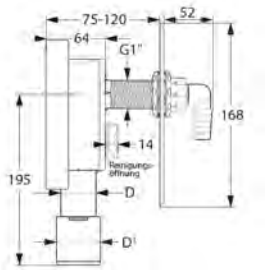
NEW

PE flush-mounted device siphon with sound insulation plate



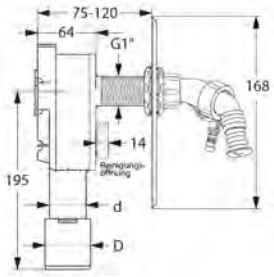
For washing machines or dishwashers.

- ► with cleaning opening, plastic cap incl. gasket
- ► PE-foam-protection (HBCD-free)
- ► highly polished stainless steel cover plate
- ► with angle fitting ¾" and locknut made of plastic, chromed
- ► long screwneck to buck
- ► including three retaining eyes
- ► stable support by straight back wall
- ► individually packed in a polybag
- ► DRAINAGE: 36 l / min.
- ► according to DIN 274 and DIN 19541: 2004-12



Article no.	PU	PU	PU	Colour	d/d1:	Thread:	Equipment:
2028	1	5	280	black	DN 40/50	1"	with sound insulation plate

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-PE flush-mounted device siphon with two Winkel angle hose nozzles in ¾" and ⅜"

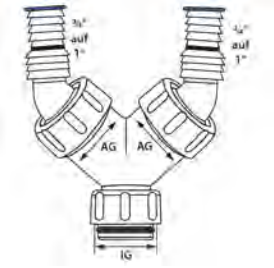
NEW



With two angle hose nozzles, each with a ¾"device connection and a ⅜" condensate connection.

- ► with cleaning opening, plastic blind cap incl. Seal
- ► highly polished stainless steel cover plate
- ► with lock nut and angle hose nozzles made of plastic in white
- ► long drop-off screw socket, incl. Three grommets and stable hold through straight rear wall
- ► PE foam protection (HBCD-free)
- ► individually packed in a polybag
- ► FLOW PERFORMANCE: 36 l / min.
- ► according to DIN 274 and DIN 19541: 2004-12

Article no.	PU	PU	PU	Colour	d/d1:	Thread:	Version:
2425	1	5	280	black	DN 40/50	1"	without Mountingplate



Double hose nozzle for PE flush-mounted device siphon with & without backflow preventer

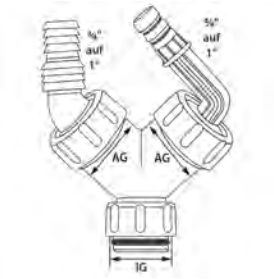
NEW



Made of impact-resistant polypropylene, chromed. With a new revolutionary backflow system, opens only when water is running out, leak-proof to 1 bar.

- ► for connections ¾" & 1"
- ► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Thread:	D:	d:	Insertion height in mm:	Equipment:
4059	1	5		white	1"	19 mm	24 mm	37 mm	with backflow preventer
4058	1			white	1"	19 mm	24 mm	37 mm	without backflow preventer



Condensate & appliance connection spout ¾" to 1" and ⅜" for concealed appliance siphon

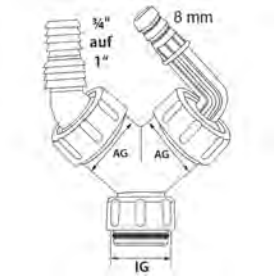
NEW



Made of impact resistant polypropylene. With new revolutionary backflow system (backflow preventer), opens only when water drains, tight up to 1 bar.

- ► for connections ¾" to 1" and ⅜"
- ► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Thread:	Device connection:	Condensate connection:
4071	1	5		white	1"	¾" to 1"	⅜"



Condensate and appliance connection spout "Save" ¾" to 1" and 8 mm for concealed appliance siphon

NEW



With new revolutionary backwater system (backflow preventer), opens only when water drains off, tight up to 1 bar.

- ► for connections ¾" to 1" and 8 mm
- ► with backflow preventer
- ► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Thread:	Device connection:	Condensate connection:
4072	5	50		white	1"	¾" to 1"	8 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

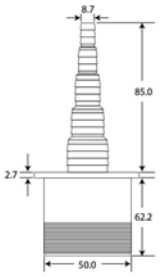
NEW

OHA hose connector straight for hoses from 8.2 - 26.5 mm



The impact resistant polypropylene (=100% recycled material) impresses with its very high material strength, abrasion resistance, its low weight and offers an optimal connection due to the ribs connection. The hose connection saves approx. 29 grams of CO2 and 0.73 kWh of primary energy. By shortening the hose connector, the connector is suitable for metric and imperial hose dimensions from 8.2 to 26.5 mm. The existing louvers make it difficult for the connector to slip out. Good chemical resistance.

► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time
► Maximum overpressure: 0.5 bar
► Suitable for hoses with inner diameter 8.2-26.5 mm



Article no.	PU	PU	PU	Colour	Suitable for:
5104	5	50	2800	grey	DN 32
5106	5	50	2800	grey	DN 50
5105	5	50	2800	grey	DN 40

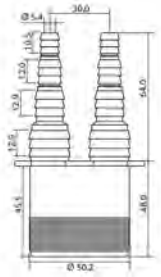
NEW

OHA double hose connector straight for hoses 8.3-20.5 mm



The impact resistant polypropylene (=100% recycled material) impresses with its very high material strength, abrasion resistance, its low weight and offers an optimal connection due to the ribs connection. The hose connection saves approx. 55 grams of CO2 and 1.37 kWh of primary energy. By shortening the hose connector, the connector is suitable for metric and imperial hose dimensions from 8.3 to 20.5 mm. The existing grids make it difficult for the connector to slip out. Good chemical resistance.

► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time
► Maximum overpressure: 0.5 bar
► Suitable for hoses with inner diameter 8.3-20.5 mm



Article no.	PU	PU	PU	Colour	Suitable for:
5103	5	50	2800	grey	DN 50

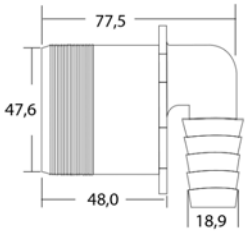
NEW

Hose connection 90 ° for hoses 18-23 mm



The impact-resistant polypropylene (= 100 % recycled material) impresses with its very high material strength, abrasion resistance, its low own weight and offers an optimum connection due to the ribs present connection. The hose connection saves approx. 24 grams of CO2 and approx. 0.61 kWh of primary energy. By the connector is suitable for metric and imperial hose diameters from 18 to 23 mm. The existing grid makes it difficult for the connector to slip out. difficult. Good chemical resistance.

► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for short periods.
► Maximum overpressure: 0.5 bar
► Hose connection 90° angled
► fit for hoses 18-23 mm



Article no.	PU	PU	PU	Colour	suitable for:
5089	5	50	2800	grey	DN 32
5092	5	50	2800	grey	DN 40
5107	5	50	2800	grey	DN 50

NEW

OHA condensate connection set DN 50 with hose 80 cm and hose clamps



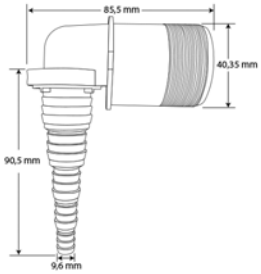
The connections are made of impact-resistant polypropylene (=100% recycled material) and are characterized by very high material strength, abrasion resistance, good chemical resistance and a low weight. The connections save approximately 61.8 grams of CO2 and 1.55 kWh of primary energy.

► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time
► Maximum overpressure: 0.5 bar

Article no.	PU	PU	PU	Colour	Compatible for:
5117	1	5	15	grey	DN 50

Item No.	Pcs.	Description:
5106	1	OHA hose connector straight DN 50 for hoses from 8.2-26.5 mm
5107	1	OHA hose connector 90 °, DN 50 for hoses from 18-23 mm
1459	1	Plastic high-pressure hose with fabric insert, 80 cm long
2125	2	Hose clamps according to DIN 3017-1, 20-32 mm, 9 mm wide

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



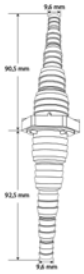
OHA hose connector 90° for hoses 8.5-26.6 mm

NEW

The impact-resistant polypropylene impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs. By By shortening the hose socket, the connector is suitable for metric and imperial hose dimensions from 8.5 to 26.6 mm. The existing grids make it difficult for the connector to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time.
► Maximum overpressure: 0.5 bar
► Suitable for hoses from 8.5-26.6 mm



Article no.	PU	PU	PU	Colour	Suitable for:
5111	5	50	2800	grey	DN 40



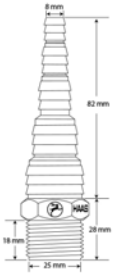
OHA double hose connector straight for hoses 8.4-26.5 mm

NEW

By shortening the hose socket, the connector is suitable for metric and imperial hose dimensions from 8.4 to 26.5 mm. The impact-resistant polypropylene impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs optimal connection. Good chemical resistance.
► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time.
► Maximum overpressure: 0.5 bar
► Suitable for hoses from 8.4-26.5 mm



Article no.	PU	PU	PU	Colour	
5115	5	50	2800	grey	



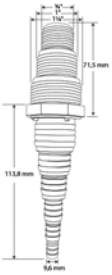
OHA pump connection straight with screw thread ¾" for hoses from 8.3-26.5 mm

NEW

OHA pump connector straight with screw thread ¾" for connections to suction & pressure pumps. By shortening the hose nozzle, the connector is suitable for metric and imperial hose dimensions from 8.3 to 26.5 mm. The impact-resistant ABS impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs. The existing louvers make it difficult for the connection to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time.
► Maximum overpressure: 0.8 bar
► for hoses from 8.3-26.5 mm



Article no.	PU	PU	PU	Colour	Suitable for:
5124	5	50	2800	black	DN 32



OHA pump connection straight with screw thread ¾", 1" and 1¼" for hoses from 8.3-33.5 mm

NEW

OHA pump connector straight with screw thread ¾", 1" & 1¼" for connections to suction & pressure pumps. By shortening the hose nozzle, the connector is suitable for metric and imperial hose dimensions from 8.3 to 33.5 mm. The impact resistant ABS impresses with its very light material and strength, abrasion resistance, its low own weight and offers by the existing ribs an optimal connection. The existing louvers make it difficult for the connection to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time
► Maximum overpressure: 0.8 bar
► for hoses from 8.3-33.5 mm, PN2 60°C



Article no.	PU	PU	PU	Colour	
5125	5	50	2800	black	

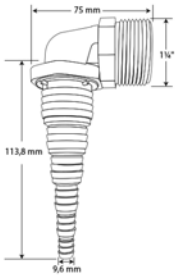
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

OHA pump connection 90° with screw thread 1¼" for hoses from 8.3-33.5 mm



OHA pump connector 90° with screw thread1¼" for connections to suction and pressure pumps. By shortening the hose nozzle, the connector is suitable for metric and imperial hose dimensions from 8.3 to 33.5 mm. The impact-resistant ABS impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs. The existing louvers make it difficult for the connection to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time.
► Maximum overpressure: 0.8 bar
► for hoses from 8.3-33.5 mm, PN2 60°C



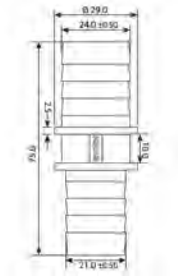
Article no.	PU	PU	PU	Colour	
5123	5	50		black	

NEW

Hose connector tube straight ¾" Ø 21 x 24 mm, grey



The impact-resistant polypropylene (=100% recycled material) impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs. The hose connection saves approx. 19 grams of CO2 and 0.48 kWh of primary energy. For connecting hoses with an inner diameter of 21 and 24 mm, e.g. appliance discharge hoses. The existing louvers make it difficult for the connection to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C, temperature resistance up to 90° C for short periods.
► Insertion depth: 30 mm



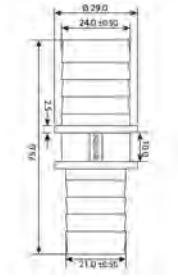
Article no.	PU	PU	PU	Colour	o-Ø in mm:	Length in mm:
2304	10	200		grey	21 and 24 mm	75 mm

NEW

Hose connection tube straight ¾" plastic Ø 21 x 24 mm, black



The impact-resistant polyamide (=100% recycled material) impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs. The hose connection saves approx. 19 grams of CO2 and 0.48 kWh of primary energy. For connecting hoses with an inner diameter of 21 and 24 mm, e.g. appliance discharge hoses. The existing louvers make it difficult for the connection to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C, temperature resistance up to 90° C for short periods.
► Insertion depth: 30 mm



Article no.	PU	PU	PU	Colour	o-Ø in mm:	Length in mm:
2041	10	100		black	21 and 24 mm	75 mm

NEW

Tap adapter set for water taps, M22 x ¾" and M24 x ¾"



Tap adapter set for water taps, M22 x ¾" and M24 x ¾" with two hose clamps. Can be connected to sink or bath taps.

Article no.	PU	PU	PU	Colour	
3314	1	10		black	

NEW

Tap adapter for water taps, M22 x ¾"



Tap adapter for water taps, M22 x ¾" with a hose clamp. Can be connected to sink or bath taps.

Article no.	PU	PU	PU	Colour	
3437	1	10		black	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

Tap adapter set for water taps, M22 x ¾" and M24 x ¾" and Pearl jet regulator wrench

Tap adapter set for water taps, M22 x 3/4" and M24 x Tap adapter set for water taps with Pearl jet regulator wrench and two hose clamps. Can be connected to sink or bath taps.

Article no.	PU	PU	PU	Colour	
3318	1	10		black	



NEW

Tap adapter for water taps, M24 x ¾"

Tap adapter for water taps, M24 x ¾" with a hose clamp. Can be connected to sink or bathtub faucets.

Article no.	PU	PU	PU	Colour	
3438	1	10		black	



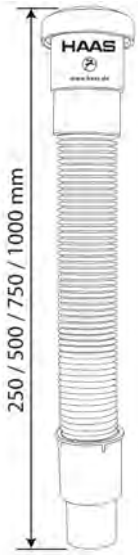
NEW

HT-connection hose flexible



HT connection hose flexible, socket DN 50, spigot end DN 40/50, available in various lengths.
► Maximum overpressure up to 0.5 bar
► Temperature resistant up to +100° C for a short time.
► Resistant to household wastewater
► Suitable for HT DN 50 spigot end on HT DN 40/50 socket
► Material: polypropylene, (seal): EPDM, resistant to aging and weathering acc. to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Socket:	Spigot end:	Length:
5200	1	20		grey	DN 50	DN 40/50	250 mm
5201	1	35		grey	DN 50	DN 40/50	500 mm
5202	1	10		grey	DN 50	DN 40/50	750 mm
5203	1	10		grey	DN 50	DN 40/50	1000 mm



NEW

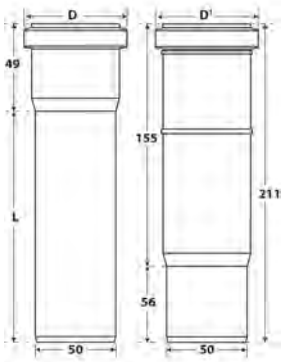
OHA-HT-telescopic tube DN 50



HT telescopic tube extendable 250 mm to 400 mm, material: polypropylene.

► according to DIN EN 1451-1 with DIN CEN/TS 1451-2.
► according to DIN 4102-1 (B1) and DIN 4102-4
► according to DIN EN ISO 11925-2

Article no.	PU	PU	PU	Colour	Size:	Length:
5205	1	10		grey	DN 50	250 to 400 mm



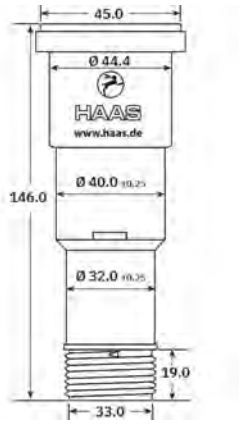
NEW

PP multiadapter with socket DN 40

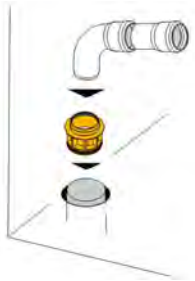


Made of impact-resistant polypropylene (= 100 % recycled material). The hose connection saves approx. 56 grams of CO2 and approx. 1,41 kWh of primary energy. An article 6 possible combinations. connection possibilities: DN 40 socket and DN 32 socket, DN 40 spigot end, 1" thread.
► DIN 4102-B2

Article no.	PU	PU	PU	Colour	suitable for:
5021	5	50	150	grey	DN 40



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



NEW

OHA-RDST 90/50 suitable for PE pipes

The wastewater pipe reducer for socketless PE pipes, base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving. Suitable for PE pipes from e.g. Geberit®, Wavin®, Valsir® and GF®.

► Standard: EN 1451-1 / Pipe series: S16 / Wall thickness: 2.8 - 3.3 mm
► Standard: EN 1519-1 / Pipe series: S16 / Wall thickness: 3.0 - 3.5 mm
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer gaskets according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6751	10	30		black	DN 90/50	acc. to DIN 4102-1 (B2), normal inflammable



NEW

OHA-RDST 90/75 for PE pipes

The wastewater pipe reducer for socketless PE pipes, base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving. Suitable for PE pipes from e.g. Geberit®, Wavin®, Valsir® and GF®.

► Dimension: DN 90/75
► Standard: EN 1451-1 / Pipe series: S16 / Wall thickness: 2.8 - 3.3 mm
► Standard: EN 1519-1 / Pipe series: S16 / Wall thickness: 3.0 - 3.5 mm
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer gaskets according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6752	10			black	DN 90/75	acc. to DIN 4102-1 (B2), normal inflammable



NEW

OHA push-in joint 90/90 for PE pipes

The wastewater pipe reducer for socketless PE pipes, base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving. Suitable for PE pipes from e.g. Geberit®, Wavin®, Valsir® and GF®.

► Standard: EN 1451-1 / Pipe series: S16 / Wall thickness: 2.8 - 3.3 mm
► Standard: EN 1519-1 / Pipe series: S16 / Wall thickness: 3.0 - 3.5 mm
► Application area: B
► DIBt Approval no.: Z-42.1-598
► Installation only vertical or greater than 34°!

Elastomer gaskets according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6753	5	15		black	DN 90/90	acc. to DIN 4102-1 (B2), normal inflammable

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

OHA plug-in socket 110/110 for PE pipes





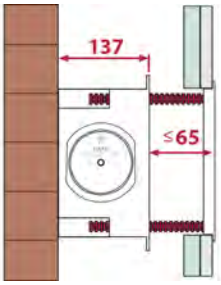
The wastewater pipe reducer for socketless PE pipes, base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving. Suitable for PE pipes from e.g. Geberit®, Wavin®, Valsir® and GF®.

► Dimension: DN 110/110
► Standard: EN 1451-1 / Pipe series: S16 / Wall thickness: 3.4 - 4.0 mm
► Standard: EN 1519-1 / Pipe series: S16 / Wall thickness: 3.4 - 4.0 mm
► Field of application: B
► DIBt Approval no.: Z-42.1-598
► Installation only vertical or greater than 34°!

Elastomer gaskets according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6756	5	15		black	DN 110/110	acc. to DIN 4102-1 (B2), normal inflammable

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



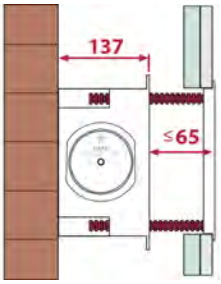
HA- Design stainless steel cover polished for wall mounting box large

OHA- Design stainless steel cover polished for wall mounting box (#5502) large.
► Wall mounting box not included in delivery.
► Material: stainless steel A2

Article no.	PU	PU	PU	Colour	Width:	Height:
5515	1			stainless steel	263 mm	275 mm

NEW





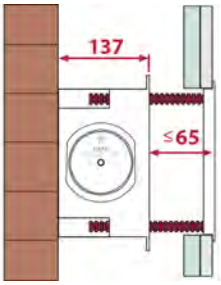
OHA Design brushed stainless steel panel for wall mounting box large

OHA Design brushed stainless steel panel for wall mounting box (#5502) large.
► Wall mounting box not included in delivery.
► Material: stainless steel A2

Article no.	PU	PU	PU	Colour	Width:	Height:
5516	1			stainless steel	263 mm	275 mm

NEW





OHA design glass cover for wall mounting box large

OHA design glass cover white, suitable for large wall installation boxes (#5502 and #5503).
► Edges touched and polished, coated on one side
► Material: ESG safety glass according to DIN EN 12150-1
► Wall mounting box not included

Article no.	PU	PU	PU	Colour	Width:	Height:	Depth:	Colour:
5517	1			white	298 mm	309 mm	4 mm	RAL 9016
5518	1			white	298 mm	309	4 mm	RAL 9000

NEW





OHA universal flex connection hose DN 100 & DN 125 - flex. Connection between haze hat & downpipe

Flex connection hoses are characterized by their high flexibility and robustness. They are available with different hose diameters, variable connection adapter and different length dimensions. Flex- connection hoses provide a flexible connection between the pipe and the roof passage, bridge differences in length and compensate for axial misalignments from a maximum inclination of 45° to the perpendicular.

► suitable for roof-side connection DN 100 and DN 125
► with rubber reducer for DN 125 vapor pipes
► resistant to weathering, aging and deformation

*Note: Not suitable for outdoor use. Connection of aeration & deaeration valves with the piping system.

Article no.	PU	PU	PU	Colour	Construction:	Size downpipe side:
1050	1	13	117	black	With hose clamp	DN 70/90/100

NEW



NEW

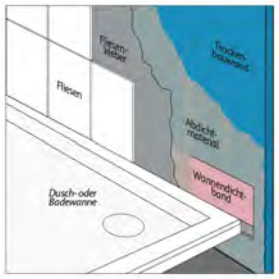
OHA-Water-Protect-Tape - according to DIN 18534



A water sealing tape, fully bonded at the back, provides additional safety for installation between the wall and bath when installing shower trays and baths professionally. The integrated water-impermeable fleece acts as a second water barrier behind the silicone joint, ensuring that no water can penetrate between the bath and the wall.
In accordance with DIN 18534-1, Waterproofing of interiors (Part 1: Requirements, planning and execution principles).
► ideal for avoiding moisture penetration
► particularly suitable for falling water such as in showers
► packed individually in an attractive display box!

Note:
Do not join individual strips. Always use continuous hinges over the sealing surface

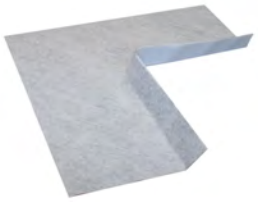
You can find suitable installation instructions & videos at https://www.haas.de



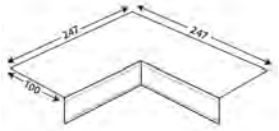
Article no.	PU	PU	PU	Colour	Length:	Width x height:	Compatible for:
4394	10			pink	10,00 m	85 x 0,8 mm	Shower and Bathtube

NEW

OHA-Multifunctional-Corner 247 x 247 x 100 mm for OHA-Easy-2-Protect-Tape



OHA-Multifunctional-Corner for super flat shower trays installed flush with the floor. For OHA-Easy-2-Protect-Tape.
► quick and easy application
► Dimensions: 247 x 247 x 100 mm
► according to DIN 18534-1 Sealing of interior spaces
► extra thin



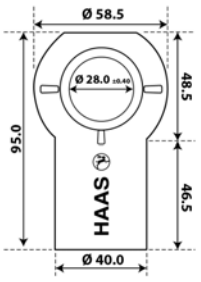
Article no.	PU	PU	PU	Colour	Length:	Width x height:	Compatible for:
4402	1	10		grey	247 mm	247 x 0,8 mm	Shower tube

NEW

OHA sound absorber ½" DN 12 and DN 15



OHA sound absorber ½" DN 12 and DN 15 with insulating plate, suitable for wall plates 212.5, 2225.5, 5325.5 in conjunction with bracket. Suitable for Viega® 586713.



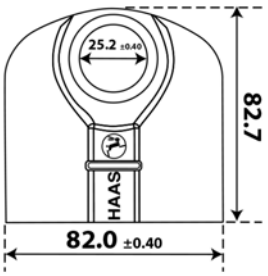
Article no.	PU	PU	PU	Colour	
3931	10	100		black	

NEW

OHA double sound absorber ½" DN 15 and DN 15

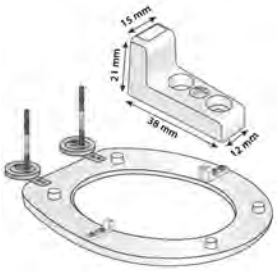


OHA double sound absorber ½" DN 15 and DN 15 with insulating plate, suitable for Viega® 592950.



Article no.	PU	PU	PU	Colour	
3933	5	50		black	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA Seat-Fix, der Toilet seat fixer

NEW

Mounting set consisting:
► 2 pcs. toilet seat holder
► 4 pcs. screws
► Assembly instructions



Article no.	PU	PU	PU	Colour	
3313	1	10		white	

OHA multi-tube deburrer and chopper DN 32 - 110

NEW

For deburring and chamfering the inner and outer edges in one operation. Ground and hardened cutting blade for extra long life, made of sturdy plastic for low abrasion & long life. Suitable for HT, KG, Geberit® Silent-PP, Valsir® HD-PE, POLO-KAL® NG pipes in DN 32, DN 40, DN 50, DN 56, DN 60-63, DN 70-75, DN 90 and DN 100-110.
Please note: Due to the manufacturer tolerances of plastic pipes, it can happen with thick-walled pipes that they fit only to a limited extent.

► Accessories: Adapter for ratchet: item No. 7753 and knife change kit: item No. 7754





Article no.	PU	PU	PU	Colour	Equipment:
7751	1	18		black	without adapter for ratchet, packed in the plastic box
7752	1	19		black	with adapter for ratchet, packed in the plastic box

Adapter for ratchet

NEW

The adapter is suitable for driving by ratchet in manual mode.

► suitable for item no. 7751 and item no. 7752
► wrench size SW9



Article no.	PU	PU	PU	Colour	
7753	1			steel	

Spare knife set for multi-pipe deburrer

NEW

Ground and hardened cutting knife for extra long life.

► suitable for OHA twin tube deburrers Art. 7751 and item no. 7752



Article no.	PU	PU	PU	Colour	
7754	1			steel	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

Adjustable thread with nut with handle



Adjustable thread with nut with handle for OHA mounting connection gauge and set art. no. 3958 and art. no. 3909. The turning handles are made of very sturdy plastic.

Article no.	PU	PU	PU	Colour	Execution:
3984	1			aluminium	made of aluminium

NEW

Fixed thread with handle



Fixed thread with handle for OHA Mounting Connection Gauge and Set Art. No. 3958 and Art. No. 3909. The turning handles are made of very sturdy plastic.

Article no.	PU	PU	PU	Colour	Execution:
3985	1			aluminium	made of aluminium

NEW

OHA knee cushions with grip hole



The perfect underlay for gentle work in lying and kneeling. Good cold insulation when working on the ground.

► with handle, especially thick: 2,5 cm
► resistant to oil and gasoline
► Material: solid foam

Article no.	PU	PU	PU	Colour	Size:
7680	1	14		blue/black	60 x 40 x 2,5 cm
7681	1	14		blue/black	90 x 50 x 2,5 cm
7683	1	14		blue/black	49 x 24,5 x 2,5 cm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



NEW



OHA-Dichtfix Set "Long" 14/15 cm ½", with 2 Dichtfix & 2 building plugs with Brassthread

Our OHA Dichtfix Set "Long" 14/15 cm ½" is the ideal aid when using building plugs (with or without brass thread) to prevent water escaping during assembly or after removal to collect or drain the construction plug in a targeted manner. According to DIN 18534-1, sealing of interiors (part 1: requirements, planning and execution principles).
The construction plug with Brass thread insert and seal according to DIN 1988-200. The construction plug can be
left permanently in the installation! Easy to install thanks to the ½" hexagon socket.

- ► stable 2-component solution (hard / soft)
- ► Particularly easy to assemble and easy to shorten
- ► suitable for almost all standard ½" building plugs and ½" wall washers
- ► very well suited for drywall and flush mounting up to 60 mm, because the Diaphragm in the inner diameter seals against the pipeline or valve extension
- ► No destruction of the seal by removing the building plugs
- ► After tiling and removing the building plug, the OHA-Dichtfix can be cut to the same wall - auxiliary ribs are attached to the product!
- ► Subsequent replacement of the fittings or concealed top parts is just as clean and easy, without having to remove any old silicone or joint material.
- ► Contents: two Dichtfix "Long" and two construction plugs "Long" with brass thread

* The appropriate assembly instructions can be found on our homepage: www.haas.de/Catalog

Article no.	PU	PU	PU	Colour	Compatible for:	Equipments:
6720	1	10		grey	½“ OHA-Construction plug	without cuff



NEW



OHA-Dichtfix Set "Long" 14/15 cm ½", with 2 Dichtfix & 2 building plugs with hard Plastict hread

Our OHA Dichtfix Set "Long" 14/15 cm ½" is the ideal aid when using building plugs (with or without plastic thread) to prevent water escaping during assembly or after removal to collect or drain the construction plug in a targeted manner. According to DIN 18534-1, sealing of interiors (part 1: requirements, planning and execution principles). The construction plug with hard Plastic thread insert and seal according to DIN 1988-200. The construction plug can be left permanently in the installation! Easy to install thanks to the ½" hexagon socket.

- ► stable 2-component solution (hard / soft)
- ► Particularly easy to assemble and easy to shorten
- ► suitable for almost all standard ½" building plugs and ½" wall washers
- ► very well suited for drywall and flush mounting up to 60 mm, because the Diaphragm in the inner diameter seals against the pipeline or valve extension
- ► No destruction of the seal by removing the building plugs
- ► After tiling and removing the building plug, the OHA-Dichtfix can be cut to the same wall - auxiliary ribs are attached to the product!
- ► Subsequent replacement of the fittings or concealed top parts is just as clean and easy, without having to remove any old silicone or joint material.
- ► Contents: two Dichtfix "Long" and two construction plugs "Long" with hard plastic thread

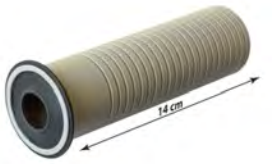
* The appropriate assembly instructions can be found on our homepage: www.haas.de/Catalog

Article no.	PU	PU	PU	Colour	Compatible for:	Equipments:
6721	1	5		grey	½“ OHA-Construction plug	without cuff

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

OHA-Dichtfix "Long" 14 cm ½", the sealing sleeve according to DIN 18534



Our OHA-Dichtfix "Long" 14 cm ½" is the ideal aid when using construction plugs (with or
without brass thread) to catch and drain water during installation or after removal of the plug. or
after removal of the building plug. According to DIN 18534-1, Waterproofing of interiors (Part1:
Requirements, planning and execution principles).



- ► stable 2-component solution (hard/soft)
- ► particularly easy to install and shorten
- ► suitable for almost all commercially available ½" construction plugs and ½" wall washers
- ► very well suited for drywall construction as well as for flush mounting up to 60 mm, because the membrane in the inner diameter seals against the pipeline or tap extension
- ► no destruction of the sealing by removing the construction plugs

- ► after flowing and removal of the construction plug, the OHA-Dichtfix wall sealant can be applied before installing the fitting. OHA-Dichtfix can be cut to the same length as the wall - auxiliary ribs are attached to the product for this purpose!
- ► Subsequent replacement of the fittings or UP top parts is just as clean and problem-free, without having to remove old silicone or joint material.

*You can find the appropriate installation instructions for this on our homepage: www.haas.de/Katalog

Article no.	PU	PU	PU	Colour	Compatible for:	Equipments:
6715	10	50		grey	½“ OHA-Construction plug	without cuff

NEW

Construction plug "Long" 15 cm with brass thread ½", black



Construction plug "Long" 15 cm with brass thread ½", black. The construction plug with brass thread insert and seal according to DIN 1988-200. The construction plug can be left permanently in the installation! Easy to install thanks to ½" hexagon socket.



Article no.	PU	PU	PU	Colour	
3431	10	50		black	

NEW

Construction plug "Long" 15 cm with hard plastic thread ½", black



Construction plug "Long" 15 cm with hard plastic thread, ½", black. The construction plug with hard plastic thread insert and seal according to DIN 1988-200. The construction plug can be left permanently in the installation! Easy to install thanks to ½" hexagon socket.



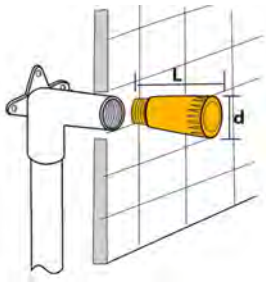
Article no.	PU	PU	PU	Colour	
3430	10	150		black	

NEW

Construction with PPSU-hard plastic thread ½"



Construction plug with PPSU-hard plastic thread, ½", black. The construction plug with hard plastic thread insert and seal according to DIN 1988-200. The construction plug can be left permanently in the installation! Easy to install thanks to ½" hexagon socket.



Article no.	PU	PU	PU	Colour	Use:	Size:	L:	d:
3545	10	150		red	Warm Water pipes	½"	89 mm	36 mm
3546	10	150		blue	Cold Water pipes	½"	89 mm	36 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Inner part for Grohe® urinal flush valve 505

Suitable for Grohe® urinal flush valve 505 complete for 9311987 (37017000), Ref.: 43812000

Article no.	PU	PU	PU	Colour
6033	1	5	45	brass

NEW





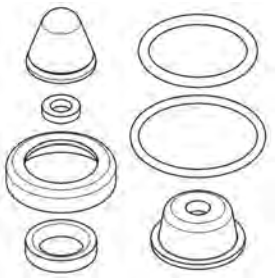
Inner part for Grohe® urinal flush 509

Suitable for Grohe® urinal flush valve 509 up to year of manufacture 1985, Ref.: 43810000

Article no.	PU	PU	PU	Colour
6034	1	5	45	brass

NEW





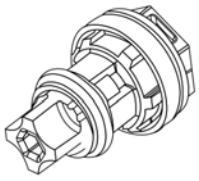
Spare parts set for Grohe® interior parts ref. no. 6033 and ref. no. 6034

Suitable for Grohe® Ref.: 43812000 and Ref.: 43810000, as well as HAAS Art.-No. 6033 and Art-No. 6034.

Article no.	PU	PU	PU	Colour
6038	1	5	45	brass

NEW





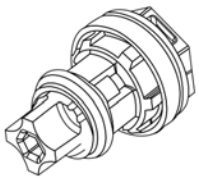
Piston for Grohe® Tectron® 6V

Suitable for Grohe® Tectron® 6V, 37640 Ref.No: 42797000

Article no.	PU	PU	PU	Colour
6043	1	5	15	light blue

NEW





Piston for Grohe® urinal flush 37339/37437

Suitable for Grohe® urinal flush 37339/37437, Ref.No: 43450000

Article no.	PU	PU	PU	Colour
6044	1	5		light blue

NEW



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

Pre-shut-off for Grohe® Dal® concealed urinal flush valve

Suitable for Grohe® Dal® concealed urinal flush valve e.g. Ref.: 43392000.



Article no.	PU	PU	PU	Colour
6048	1	10		brass



NEW

Pre-shut-off for Grohe® Dal® exposed urinal flush valve chrome-plated

Suitable for Grohe® Dal® exposed urinal flush valve chrome-plated e.g. Ref.: 43393000.



Article no.	PU	PU	PU	Colour
6049	1	10		brass



NEW

Urinal inlet fitting, plastic with ½" thread lip seal

Plastic spigot with ½" thread and detachable lip seal, gray.

► suitable for urinals with connection from behind.
► individually packed in cardboard box



Article no.	PU	PU	PU	Colour	Description:
6071	10	50		black	Inlet fitting with lip seal



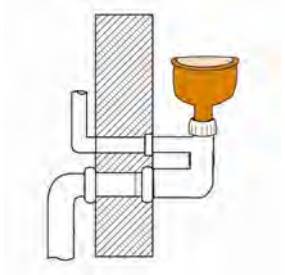
OHA Prüfstück Set including funnel and reducer

Multifunctional tool for testing the tightness of pre-wall systems acc. to DIN 1986-3. The test piece can be used to establish the connection between the cistern drain pipe and the wastewater pipe.Through this connection, the flushing process can be triggered and the tightness of the system can be checked.

Contents:
► 1x Art. no. 5000 OHA Prüfstück
► 1x Art. no. 5015 Funnel for OHA Prüfstück
► 1x Art.-No. 5020 Reducer 50/40 for funnel



Article no.	PU	PU	PU	Colour
5019	1			blue



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

Water meter seals for hot & cold water meters (EPDM) W 270 & UBA-ELL



Suitable for water meter screw connections. Approved according to KTW-BWGL (D), ACS (F), Belgaqua (B) and KIWA-ATA (NL), AS/NZS (Austr.).

- ► Ozone resistant
- ► Hardness; 90 Shore-A
- ► Temperature resistance; -45°C to +130°C

Material: EPDM, resistant to aging and weathering according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
6450	100	500		black	½"	17 x 24 x 2 mm
6451	100	500		black	¾"	23 x 29 x 2 mm for 5 m˜ Watermeter
6452	100	500		black	1"	29 x 37 x 2 mm for 10 m˜ Watermeter
6453	25	125		black	1¼"	35 x 45 x 2 mm
6454	25	125		black	1½"	45 x 55 x 2 mm
6455	25	125		black	1½"	48 x 56 x 2 mm

NEW

Professional universal sealing case for sanitary, gas, solar and heating applications

*Note: All OHA-Press gaskets are W 270 and UBA-ELL.



Article no.	PU	PU	PU	Colour	
8511	1	12		yellow	

The content is composed of:

Pcs.	Description:	Dimensions:
50	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	9,00 x 15,00 x 1,80 mm
50	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	13,00 x 18,00 x 1,80 mm
25	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	15,00 x 24,00 x 1,80 mm
25	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	30,00 x 38,00 x 1,80 mm
25	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	17,00 x 24,00 x 1,80 mm
25	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	19,00 x 27,00 x 1,80 mm
25	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	21,00 x 30,00 x 1,80 mm
25	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	32,00 x 44,00 x 1,80 mm
25	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	42,00 x 55,00 x 1,80 mm
25	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	17,00 x 24,00 x 3,00 mm
25	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	23,00 x 29,00 x 3,00 mm
25	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	20,00 x 27,50 x 2,00 mm
25	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	25,00 x 34,50 x 2,00 mm
25	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	21,00 x 41,00 x 2,00 mm
25	Solar union gasket	12,00 x 18,00 x 2,00 mm
25	Solar union gasket	17,00 x 24,00 x 2,00 mm
25	Solar union gasket	9,00 x 25,00 x 2,00 mm
25	Solar union gasket	23,00 x 30,00 x 2,00 mm
25	Solar union gasket	30,00 x 44,00 x 2,00 mm
25	Radiator screw joint gasket, OHA-Press, W 270 & UBA-ELL	23,00 x 30,00 x 1,80 mm
25	Immersion pipe gasket 1¼"	31,00 x 39,00 x 2,00 mm
25	Immersion pipe gasket 1½"	35,00 x 45,00 x 2,00 mm
25	Rubber washing machine connection gasket, EPDM, W 270 & UBA-ELL	12,00 x 23,00 x 2,00 mm
25	Rubber seals for shower hoses, EPDM, W 270 & UBA-ELL	12,00 x 19,00 x 2,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

Junior universal gasket case for sanitary, gas, solar and heating



*Note: All OHA-Press gaskets are W 270 and UBA-ELL

Article no.	PU	PU	PU	Colour
8512	1	10		yellow

The content is composed of:

	Pcs.	Description:	Dimensions:
8846	24	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	9,00 x 15,00 x 1,80 mm
8826	24	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	13,00 x 18,00 x 1,80 mm
8827	12	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	15,00 x 24,00 x 1,80 mm
8824	12	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	30,00 x 38,00 x 1,80 mm
8830	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	17,00 x 24,00 x 1,80 mm
8831	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	19,00 x 27,00 x 1,80 mm
8833	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	21,00 x 30,00 x 1,80 mm
8835	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	32,00 x 44,00 x 1,80 mm
8836	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	42,00 x 55,00 x 1,80 mm
6164	12	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	17,00 x 24,00 x 3,00 mm
6166	12	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	23,00 x 29,00 x 3,00 mm
8601	12	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	20,00 x 27,50 x 2,00 mm
8602	12	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	25,00 x 34,50 x 2,00 mm
8612	12	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	21,00 x 41,00 x 2,00 mm
8951	12	Solar union gasket	12,00 x 18,00 x 2,00 mm
8952	12	Solar union gasket	17,00 x 24,00 x 2,00 mm
8950	12	Solar union gasket	9,00 x 25,00 x 2,00 mm
8953	12	Solar union gasket	23,00 x 30,00 x 2,00 mm
8954	12	Solar union gasket	30,00 x 44,00 x 2,00 mm
8942	12	Radiator screw joint gasket, OHA-Press, W 270 & UBA-ELL	23,00 x 30,00 x 1,80 mm
8125	12	Immersion pipe gasket 1¼"	31,00 x 39,00 x 2,00 mm
8127	12	Immersion pipe gasket 1½"	35,00 x 45,00 x 2,00 mm
8121	12	Rubber washing machine connection gasket, EPDM, W 270 & UBA-ELL	12,00 x 23,00 x 2,00 mm
2319	24	Rubber seals for shower hoses, EPDM, W 270 & UBA-ELL	12,00 x 19,00 x 2,00 mm

NEW

Universal gasket case for sanitary, solar and heating



*Note: All OHA-Press gaskets are W 270 and UBA-ELL

Article no.	PU	PU	PU	Colour
8513	1	8	448	yellow

The content is composed of:

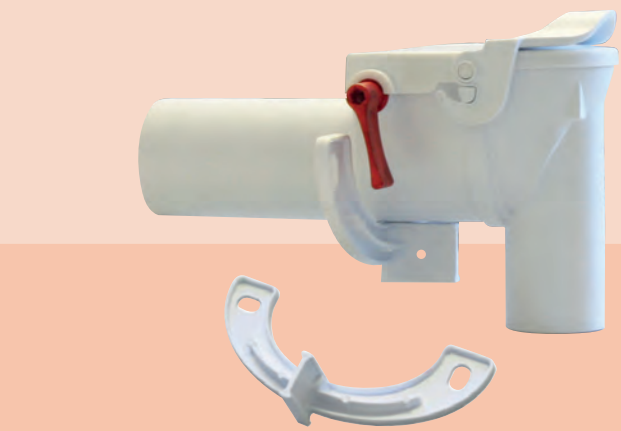
	Pcs.	Description:	Dimensions:
8846	12	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	9,00 x 15,00 x 1,80 mm
8826	24	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	13,00 x 18,00 x 1,80 mm
8827	12	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	15,00 x 24,00 x 1,80 mm
8824	12	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	30,00 x 38,00 x 1,80 mm
8830	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	17,00 x 24,00 x 1,80 mm
8833	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	21,00 x 30,00 x 1,80 mm
8835	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	32,00 x 44,00 x 1,80 mm
8836	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	42,00 x 55,00 x 1,80 mm
6164	12	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	17,00 x 24,00 x 3,00 mm
6166	12	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	23,00 x 29,00 x 3,00 mm
8951	12	Solar union gasket	12,00 x 18,00 x 2,00 mm
8952	12	Solar union gasket	17,00 x 24,00 x 2,00 mm
8950	12	Solar union gasket	9,00 x 25,00 x 2,00 mm
8942	12	Radiator screw joint gasket, OHA-Press, W 270 & UBA-ELL	23,00 x 30,00 x 1,80 mm
8125	12	Immersion pipe gasket 1¼"	31,00 x 39,00 x 2,00 mm
8127	12	Immersion pipe gasket 1½"	35,00 x 45,00 x 2,00 mm
8121	12	Rubber washing machine connection gasket, EPDM, W 270 & UBA-ELL	12,00 x 23,00 x 2,00 mm
2319	24	Rubber seals for shower hoses, EPDM, W 270 & UBA-ELL	12,00 x 19,00 x 2,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

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Chapter 02
Flood-Barrier





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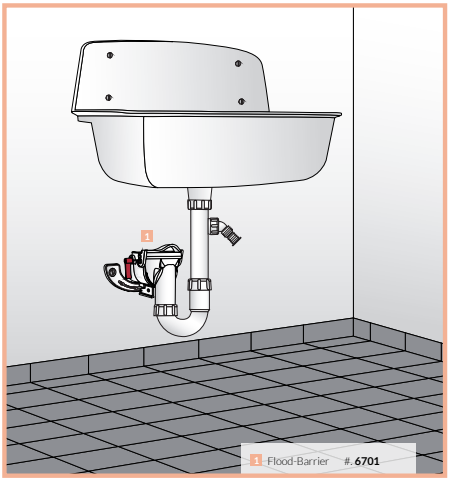
Table of contents

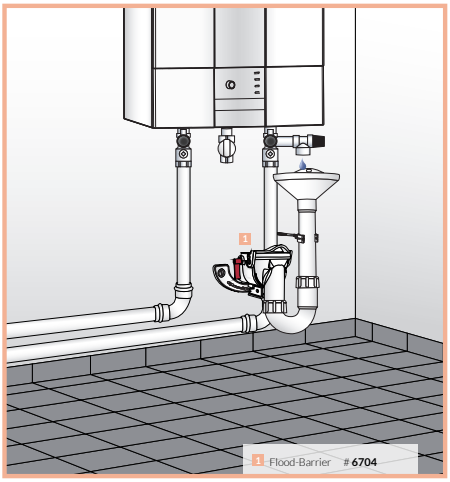
Chapter 02

OHA-Flood-Barrier Page 01 to Page 03

OHA flood barrier according to DIN EN 13564, type 5

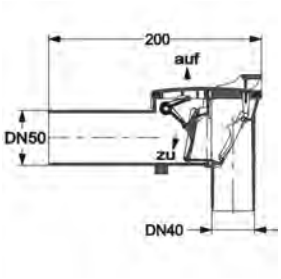
- For wastewater sewage (Graywater)
- with double backflow prevention
- with lockable emergency lock
- with two self-closing flaps. These two self-closing flaps protect against back pressure
- The ideal or practical solution for individual objects, for example on sinks, sinks or washing machines, or on condensers, on heaters, air-conditioning systems, safety valves, etc.
- Practical for single connections below the backflow level
- Protection against back pressure without extensive assembly or chipping
- By its simple assembly, our OHA flood barrier fits ideally for retrofitting, for example in the case of old building restorations
- For vanity siphon with and without washing machine connections
- For the overflow of the heater with funnel siphon
- Drainage DN 50 for connection to HT-pipes according to DIN 19 560.







Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

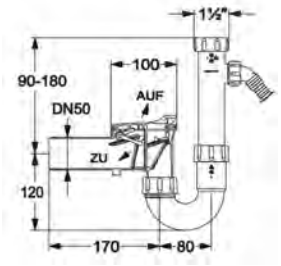


OHA-Flood-Barrier, type 5 DN 50

Backflow closure for wastewater without sewage, two self-closing flaps, one lockable emergency lock.
► with emerngency closure and 2 plastic flaps
► incl. Wall bracket
► according to DIN EN 13564, type 5

Article no.	PU	PU	PU	Colour
6700	1	15		white





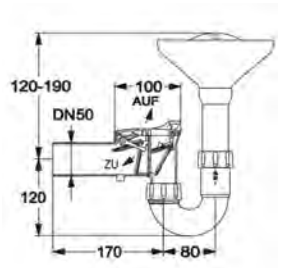
OHA-Flood-Barrier, type 5 DN 50 and PP-Siphon with one combined device connection 1½" and 1¼"

Backflow closure for wastewater without sewage, two self-closing flaps, one lockable emergency lock.
► with emergency closure and 2 plastic flaps
► incl. Wall bracket
► according to DIN EN 13564, type 5

Version: with p-trap 1½" and 1¼" and one device connection

Article no.	PU	PU	PU	Colour
6701	1	5		white





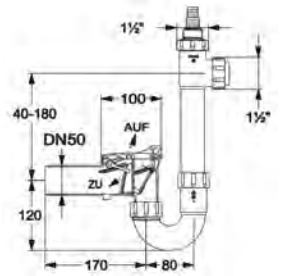
OHA-Flood-Barrier, type 5 DN 50 and PP-Funnel siphon

Backflow closure for wastewater without sewage, two self-closing flaps, one lockable emergency lock.
► with emergency closure and 2 plastic flaps
► ideal for cones overflow of heating, air conditioning etc.
► incl. Wall bracket
► according to DIN EN 13564, type 5

Version: with p-trap 1½" with Inlet funnel and wall bracket

Article no.	PU	PU	PU	Colour
6704	1	3		white





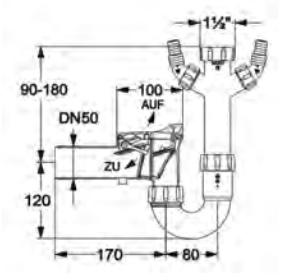
OHA-Flood-Barrier, type 5 DN 50 and siphon for Washing Machine

Backflow closure for wastewater without sewage, two self-closing flaps, one lockable emergency lock.
► with emergency closure and 2 plastic flaps
► ideal for cones overflow of heating etc.
► incl. Wall bracket
► according to DIN EN 13564, type 5

Version: with siphon for washing machine and two combined device connections and wall bracket

Article no.	PU	PU	PU	Colour
6705	1	5		white





OHA-Flood-Barrier, type 5 DN 50 and PP-Siphon with two combined device connection 1½" and 1¼"

Backflow closure for wastewater without sewage, two self-closing flaps, one lockable emergency lock.
► with emergency closure and 2 plastic flaps
► incl. Wall bracket
► according to DIN EN 13564, type 5

Version: with p-trap 1½" and 1¼" and two device connection

Article no.	PU	PU	PU	Colour
6702	1	5	100	white



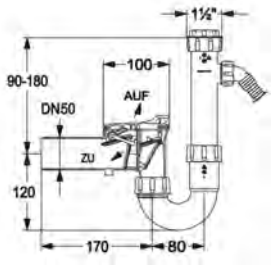


OHA-Flood-Barrier, type 5 DN and lockable PP-Siphon with one device connection 1½" und 1¼"

Backflow closure for wastewater without sewage, two self-closing flaps, one lockable emergency lock.
► with emergency closure and 2 plastic flaps
► incl. Wall bracket
► according to DIN EN 13564, type 5

Version: with lockable p-trap 1½" and 1¼" and one device connection

Article no.	PU	PU	PU	Colour
6703	1	5	100	white

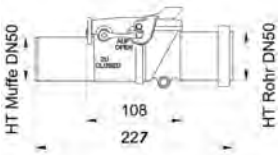




OHA-Flood-Barrier straight, Typ 2 DN 50

Backflow closure for wastewater without sewage, two self-closing flaps, one lockable emergency lock.
► with emerngency closure and 2 plastic flaps
► incl. Wall bracket
► according to DIN EN 13564, type 2

Article no.	PU	PU	PU	Colour
6710	1	15		grey





Cover with seal and locking pin for OHA-Flood-Barrier

Spare parts set for OHA-Flood-Barrier item no. 6700 consisting of:
► cap with seal
► locking pin

Article no.	PU	PU	PU	Colour
6706	1	5		white
6711	1	5		grey





Flap set with two flaps and one Insertion part for OHA-Flood-Barrier

Spare parts set for OHA-Flood-Barrier item no. 6700 consisting of:
► flap set with two flaps
► 1 sliding-in-part

Article no.	PU	PU	PU	Colour
6707	1	5		white





Locking set with lever, pin, locking and two o-rings for OHA-Flood-Barrier

Spare parts set for OHA-Flood-Barrier item no. 6700 consisting of:
► locking set with lever
► pin and lock with two o-rings

Article no.	PU	PU	PU	Colour
6708	1	5		white

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

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Chapter 03
Pipe-Vent





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Chapter 03

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OHA-Pipe-Vent according to DIN EN 12 380, class A1

OHA-Pipe-Vent DN 32/40/50 and OHA-Pipe-Vent DN 70/90/110

The valve of the pipe vent opens when pressure is applied and allows air to flow into the piping system when there is an under-pressure.

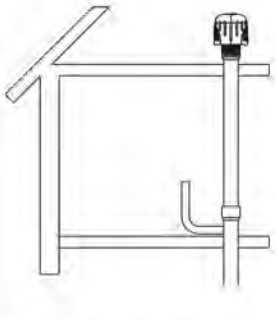
Advantages:
This is an alternative to the use of the ventilation system (ventilation) of the piping systems.

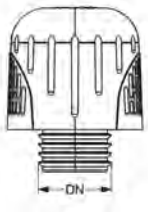
- additionally, the upper part of the packaging serves as frost protection hood (HBCD-free)
- Reduces the risk of free venting
- Air tightness test at 30 Pa, 500 Pa and at 10,000 Pa
- CE declaration of conformity according to DIN EN 12 380, class A1
- Air flow rate 9l/sec Art.-No. 5490 and 28l/sec Art.-No. 5500

Material (seal on the nipple): rubber EPDM, resistant to aging and weathering according to DIN EN 681-1

Note: Please ensure that the tube diffuser is installed vertically.

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!





OHA-Pipe-Vent DN 32/40/50

The valve of the pipe vent opens at pressure and allows air to flow into the pipe system when a vacuum is formed there. This is an alternative to the use of the ventilation process of the line systems. In addition, the upper part of the packaging serves as a frost protection hood (HBCD-free).

► reduces the risk of freezing by open ventilations
► air tightness test at 30 Pa, 500 Pa and 10000 Pa,
► CE declaration of conformity according to DIN EN 12 380, class A1
► LGA-tested according to DIN EN 12 380: 2003-03
► air flow rate 9 l / sec

Connection options:
DN 32 with rubber over spigot
DN 40 without rubber pipe collar (optional: when using our adapter item no. 2999
a connection DN 40 with spigot is possible)
DN 50 with rubber in spigot

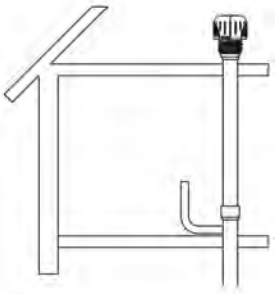
Material (seal on the nipple): Rubber EPDM, aging & weather resistant according to DIN EN 681-1

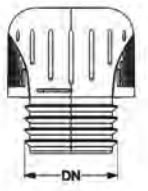
Note: Please make sure that the tube diffuser is installed vertically. For further information, e.g. assembly instructions, please visit: www.haas.de/downloads

Article no.	PU	PU	PU	Colour	Downpipe side:
5490	1	10		blue	DN 32/40/50









OHA-Pipe-Vent DN 70/90/110

The valve of the pipe vent opens at pressure and allows air to flow into the pipe system when a vacuum is formed there. This is an alternative to the use of the ventilation process of the line systems. In addition, the upper part of the packaging serves as a frost protection hood (HBCD-free).

► reduces the risk of freezing by open ventilations

► air tightness test at 30 Pa, 500 Pa and 10000 Pa,
► CE declaration of conformity according to DIN EN 12 380, class A1
► LGA-tested according to DIN EN 12 380: 2003-03
► air flow rate 28 l / sec

Connection options:
DN 70 with rubber over spigot
DN 90 without rubber in pipe collar
DN 110 with rubber in spigot

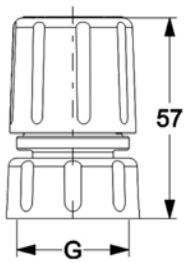
Material (seal on the nipple): Rubber EPDM, aging & weather resistant according to DIN EN 681-1

Note: Please make sure that the tube diffuser is installed vertically. For further information, e.g. assembly instructions, please visit: www.haas.de/downloads

Article no.	PU	PU	PU	Colour	Downpipe side:
5500	1	8		blue	DN 70/90/110







OHA pipe diffusers for p-trap

In small, space-saving design! according to DIN

► made of impact resistant polypropylene
► air flow rate 3,5 l/sec.

Article no.	PU	PU	PU	Colour	Compatible for connection:
5480	1	10		white	AG 1"





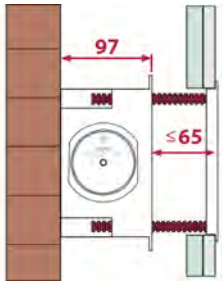
OHA Wall recessed box small with cover plate

OHA plastic wall mounting box small with decorative plate for wet and dry construction. For quick and easy inspection of ventilation valves.

Compatible for Pipes DN 32, DN 40 and DN 50.
For the use of OHA pipe aerators Item-No. 5490

► Air supply via the slotted decorative panel
► Item-No. 5492 (without pipe aerator)
► Item-No. 5493 ((with oha pipe aerator Item-No. 5490)

Note: Please make sure that the tube diffuser is installed vertically. For further information, e.g. assembly instructions, please visit: www.haas.de/downloads



Article no.	PU	PU	PU	Colour	Width:	Height:	Depth:
5492	1			white	140 mm	150 mm	120-175 mm
5493	1	4		white	140 mm	150 mm	120-175 mm



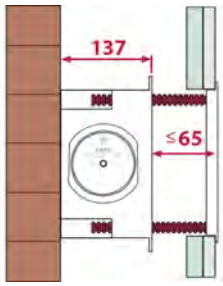
OHA Wall recessed box large with cover plate

OHA plastic wall mounting box large with decorative plate for wet and dry construction. For quick and easy inspection of ventilation valves.

Compatible for Pipes DN 70, DN 90 and DN 110.
For the use of OHA pipe aerators Item-No. 5500

► Air supply via the slotted decorative panel
► Item-No. 5502 (without pipe aerator)
► Item-No. 5503 (with oha pipe vent Item-No. 5500)

Note: Please make sure that the tube diffuser is installed vertically. For further information, e.g. assembly instructions, please visit: www.haas.de/downloads



Article no.	PU	PU	PU	Colour	Width:	Height:	Depth:
5502	1			white	200 mm	210 mm	163-200 mm
5503	1			white	200 mm	210 mm	163-200 mm



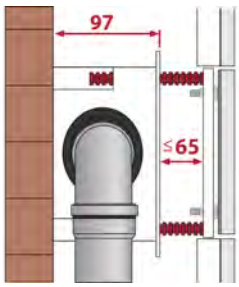
OHA Wall recessed box small, tileable

OHA plastic wall mounting box small with decorative plate for wet and dry construction. For quick and easy inspection of ventilation valves. By two cover plates and a rubber adapter, the connection direction of the air supply line is freely selectable, connecting direction from the top, left or right. No risk of injury due to cutting out the supply air opening and saving of ice due to quick and easy replacement of cover plates and rubber adapters.

Compatible for Pipes DN 32, DN 40 and DN 50.
For the use of OHA pipe aerators Item-No. 5490

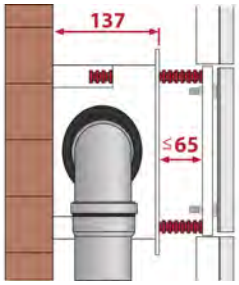
► Item-No. 5496 (without pipe aerator)
► Item-No. 5497 (with oha pipe vent, Item-No. 5490)

Note: Please make sure that the tube diffuser is installed vertically. For further information, e.g. assembly instructions, please visit: www.haas.de/downloads



Article no.	PU	PU	PU	Colour	Width:	Height:	Depth:
5496	1			white	140 mm	150 mm	125-175 mm
5497	1			white	140 mm	150 mm	125-175 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA Wall recessed box large, tileable

OHA plastic wall mounting box small with decorative plate for wet and dry construction. For quick and easy inspection of ventilation valves. By two cover plates and a rubber adapter, the connection direction of the air supply line is freely selectable, connecting direction from the top, left or right. No risk of injury due to cutting out the supply air opening and saving of ice due to quick and easy replacement of cover plates and rubber adapters.

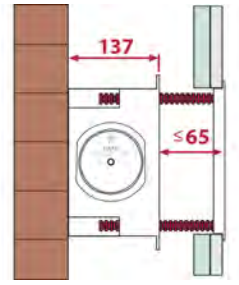
Compatible for Pipes DN 70, DN 90 and DN 110.
For the use of OHA pipe aerators Item-No. 5500

► Item-No. 5502 (without pipe aerator)
► Item-No. 5503 (with oha pipe vent, Item-No. 5500)

Note: Please make sure that the tube diffuser is installed vertically. For further information, e.g. assembly instructions, please visit: www.haas.de/downloads



Article no.	PU	PU	PU	Colour	Width:	Height:	Depth:
5511	1			white	200 mm	210 mm	160-200 mm
5512	1			white	200 mm	210 mm	160-200 mm



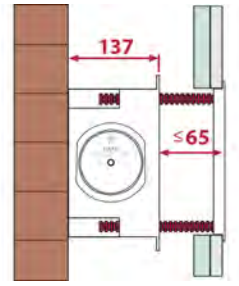
HA- Design stainless steel cover polished for wall mounting box large

NEW

OHA- Design stainless steel cover polished for wall mounting box (#5502) large.
► Wall mounting box not included in delivery.
► Material: stainless steel A2



Article no.	PU	PU	PU	Colour	Width:	Height:
5515	1			stainless steel	263 mm	275 mm



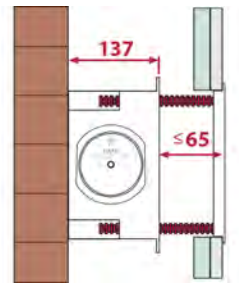
OHA Design brushed stainless steel panel for wall mounting box large

NEW

OHA Design brushed stainless steel panel for wall mounting box (#5502) large.
► Wall mounting box not included in delivery.
► Material: stainless steel A2



Article no.	PU	PU	PU	Colour	Width:	Height:
5516	1			stainless steel	263 mm	275 mm



OHA design glass cover for wall mounting box large

NEW

OHA design glass cover white, suitable for large wall installation boxes (#5502 and #5503).
► Edges touched and polished, coated on one side
► Material: ESG safety glass according to DIN EN 12150-1
► Wall mounting box not included



Article no.	PU	PU	PU	Colour	Width:	Height:	Depth:	Colour:
5517	1			white	298 mm	309 mm	4 mm	RAL 9016
5518	1			white	298 mm	309	4 mm	RAL 9000

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

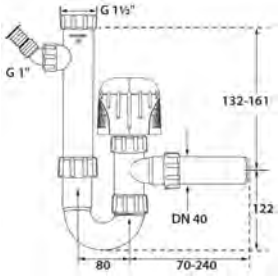


P-Trap 1½" DN 40/50/56 with pipe vent, white according to DIN

Made of impact-resistant polypropylene, with drainpipe, 240 mm long and height-adjustable dip tube.

- ► pipe vent DN 32/40/50
- ► with a combination device connection ¾" to 1"
- ► with 1 rubber nipple each DN 40/50 and DN 40/56
- ► individually packed in a polybag, incl. Installation instructions
- ► air flow rate: 9 l/sec.
- ► according to DIN EN 274 and DIN EN 12 380:203-03

Article no.	PU	PU	PU	Colour	d:	Thread:
2827	1	5		white	DN 40/50/56	1½"



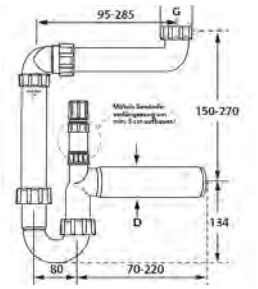


PP-Saving-Space-Siphon 1½ " and a Pipe Vent

Made of impact-resistant polypropylene, with drainpipe, 240 mm long and height-adjustable dip tube.

- ► Pipe Vent AG 1"
- ► individually packed in a polybag, incl. Installation instructions
- ► air flow rate: 3,5 l/sec.
- ► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Ø:	Thread:
2600	1	15		white	DN 40	1½"
2607	1	15		white	DN 50	1½"



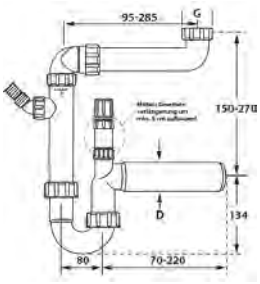


PP-Saving-Space-Siphon 1½" with a combined device connection and a Pipe Vent

Made of impact-resistant polypropylene, with drainpipe, 240 mm long and height-adjustable dip tube.

- ► Pipe Vent AG 1"
- ► with a combination device connection ¾" to 1"
- ► individually packed in a polybag, incl. Installation instructions
- ► air flow rate: 3,5 l/sec.
- ► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Ø:	Thread:
2610	1	15	300	white	DN 40	1½"
2615	1	15	300	white	DN 50	1½"
2675	1	15	300	white	DN 56 (NEW)	1½"



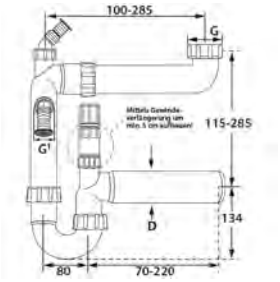


PP-Saving-Space-Siphon 1½" with two combination devices and a Pipe Vent

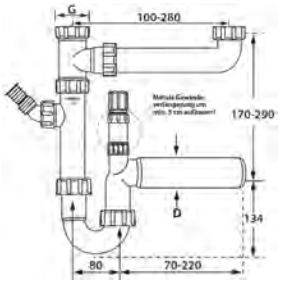
Made of impact-resistant polypropylene, with drainpipe, 240 mm long and height-adjustable dip tube.

- ► Pipe Vent AG 1"
- ► with two combination device connection ¾" to 1"
- ► individually packed in a polybag, incl. Installation instructions
- ► air flow rate: 3,5 l/sec.
- ► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Ø:	Thread:
2620	1	15	300	white	DN 40	1½"
2625	1	15	300	white	DN 50	1½"
2685	1	15	300	white	DN 56 (NEW)	1½"



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



PP-Double-Siphon 1½" with a combined device connection and a Pipe Vent

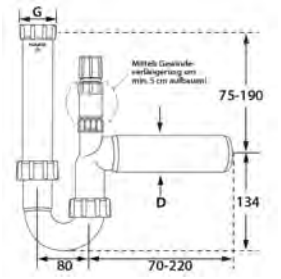
Made of impact-resistant polypropylene, with drainpipe, 240 mm long and height-adjustable dip tube.

► Pipe Vent AG 1"
► with a combination device connection ¾" to 1"

► individually packed in a polybag, incl. Installation instructions
► air flow rate: 3,5 l/sec.
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	Ø:	Thread:
2630	1	15	300	white	DN 40	1½"
2635	1	15	300	white	DN 50	1½"



P-Trap 1½ "DN 40 with a Pipe Vent

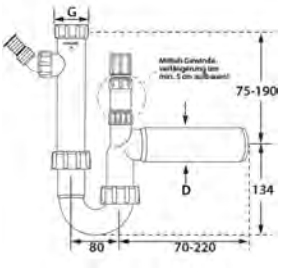
Made of impact-resistant polypropylene, with drainpipe, 240 mm long and height-adjustable dip tube.

► individually packed in a polybag, incl. Installation instructions
► air flow rate: 3,5 l/sec.

according to DIN EN 274



Article no.	PU	PU	PU	Colour	Ø:	Thread:
2823	1	15		white	DN 40	1½"
2824	1	10		white	DN 50	1½"



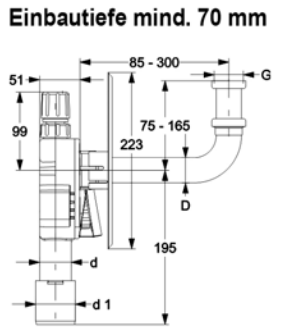
P-Trap 1½" with one device connection and a Pipe Vent

Made of impact-resistant polypropylene, with drainpipe, 240 mm long and height-adjustable dip tube.

► with a combination device connection ¾" to 1"
► individually packed in a polybag, incl. Installation instructions
► air flow rate: 3,5 l/sec.
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2825	1	15		white	DN 40	1 ½"
2826	1	15	300	white	DN 50	1 ½"



Saving-Spave-Siphon "OHA4300" with cleaning openings, drain slide and a Pipe Vent

With the new drain slide, a considerable time expenditure is avoided by removing the drainage arc. The draining of the waste water from the basin is not necessary because it can be discharged into the container via the drain slide without being able to get behind the front wall. The formation of mold can thus be prevented.

► all brass parts, chrome plated
► complete with seals, PE-Foam protection (HBCD-free) and all accessories
► incl. Pipe Vent
► incl. High gloss polished stainless steel cover plate
► individually packed in a polybag
► air flow rate: 3.5 l / sec.
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d/d1:	D:	Thread:
4300	1	5	100	black	DN 40/50	DN 32	1¼"

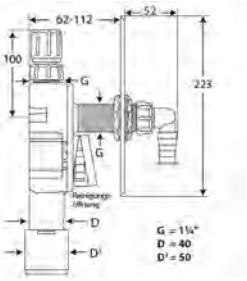
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Flush-Mounted-Device-Siphon "OHA4400" drain slide and a Pipe Vent

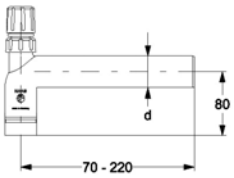
Siphon with one cleaning opening, drain slide, complete with seals, PE-foam-protection (HBCD-free) and all accessories and a Pipe Vent.

- ► high-gloss polished stainless steel cover plate
- ► chromed angle hose connection ¾ "and lock nut, incl. Cover plugs
- ► PE-Foam-Protection (HBCD-free)
- ► individually packed in a polybag
- ► DRAINAGE: 36 l / min.
- ► air flow rate: 3,5 l/sec
- ► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d/d1:	G:
4400	1	5		black	DN 40/50	1"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Drain arc with a Pipe Vent

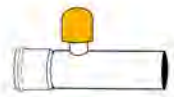
Made of impact-resistant polypropylene, space-saving, because a shorter and lower construction!

► overall length: 240 mm
► air flow rate: 3.5 l / sec.
► individually packed in a polybag

according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2978	1	10		white	DN 40	1"
2979	1	10		white	DN 50	1"



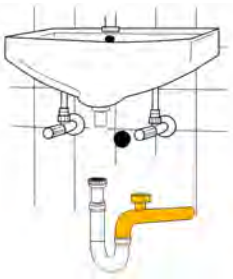
Pipe Vent ½" Connection for a output pipe

Spare part for Art.-No. 2769, for the subsequent ventilation of existing pipelines.

► brass chromium plated
► individually packed in a polybag



Article no.	PU	PU	PU	Colour	
2773	1	5		chrome	



Drain arc chromed, with a Pipe Vent

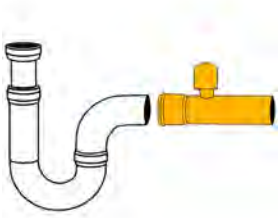
For subsequent ventilation of existing pipelines in chromed brass, 90° bent.

► with flanged edge
► individually packed in a polybag

according to DIN EN 274



Article no.	PU	PU	PU	Colour	Size:	Lenght:
2769	1			chrome	1¼"	250 mm



Extension pipe with sleeve and a Pipe Vent

Extension pipe DN 32 in chromed brass, complete with pipe vent and lip seal.

► individually packed in a polybag

according to DIN EN 274



Article no.	PU	PU	PU	Colour	Lenght:
2124	1	5		chrome	125 mm

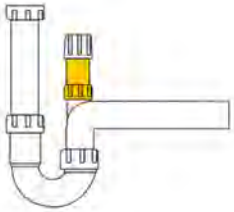
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Thread extension for Pipe Vents, with backflow preventer

► with backflow preventer
► made of impact resistant polypropylene

Article no.	PU	PU	PU	Colour	External thread:	Inner thread:	Lenght:
2983	5			white	1"	1"	62 mm





Maintenance kit for OHA-Pipe-Vent

Consists of O-ring, seal and aerator unit.

Article no.	PU	PU	PU	Colour	Construction:	Compatible:
5501	1	5			DN 75/90/110	Item no. 5500
5491	1	5			DN 32/40/50	Item no. 5490

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Flex-Connection-Hose DN 100 - the "flexible" connection between the hood and the downpipe

They available with different hose diameters, variable connection-adapters and different lengths. Flex-Connecting- Hoses provide a flexible connection between the pipeline and the roof pass, bridge length differences and the same axis offsets of a maximum of 45° inclination to the vertical.

► suitable for connection on the side of the DN 100
► resistant to weathering, aging and deformation

*Note: Not suitable for outdoor use. Connection of aeration & deaeration valves with the piping system.

Article no.	PU	PU	PU	Colour	Construction:	Downpipe side:
1040	15	135		black	with hose-clamps	DN 50/70/100
1030	13	117		black	with hose-clamps	DN 70/90/100
1060	15	135		black	with rolling-ring	DN 50/70/100
1020	13	117		black	with rolling-ring	DN 70/90/100





OHA-Flex-Connection-Hose DN 125 - the "flexible" connection between the hood and the downpipe

Flex connection hoses are characterized by their high flexibility and robustness. They available with different hose diameters, variable connection adapters and different lengths. Flex-Connecting- Hoses provide a flexible connection between the pipeline and the roof pass, bridge length differences and the same axis offsets of a maximum of 45° inclination to the vertical.

► suitable for connection on the side of the DN 125
► resistant to weathering, aging and deformation

*Note: Not suitable for outdoor use. Connection of aeration & deaeration valves with the piping system.

Article no.	PU	PU	PU	Colour	Construction:	Downpipe side:
1080	1	13	117	black	with hose-clamps	DN 70/90/100
1085	1	13	117	black	with rolling-ring (NEW)	DN 50/70/100





NEW

OHA universal flex connection hose DN 100 & DN 125 - flex. Connection between haze hat & downpipe

Flex connection hoses are characterized by their high flexibility and robustness. They are available with different hose diameters, variable connection adapter and different length dimensions. Flex- connection hoses provide a flexible connection between the pipe and the roof passage, bridge differences in length and compensate for axial misalignments from a maximum inclination of 45° to the perpendicular.

► suitable for roof-side connection DN 100 and DN 125
► with rubber reducer for DN 125 vapor pipes
► resistant to weathering, aging and deformation

*Note: Not suitable for outdoor use. Connection of aeration & deaeration valves with the piping system.

Article no.	PU	PU	PU	Colour	Construction:	Size downpipe side:
1050	1	13	117	black	With hose clamp	DN 70/90/100



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Chapter 04
Plastic-Siphon and Accessories





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... the difference between rubber and rubber?

Rubber is the unvulcanized form of rubber, i. If rubber is deformed, it remains deformed, while rubber almost completely reverts to its original shape, so it is elastic. Rubber is therefore also referred to as an elastomer.

The vulcanization or crosslinking of the rubber to the rubber is effected by the admixture of so-called accelerators, such as sulfur, peroxides, etc., under the action of heat and pressure.

Rubber parts are made of natural rubber or synthetic rubber. Naturkosmetik is produced as a milk juice (latex) from rubber trees, which mainly grow on plantations in the Far East. By far the largest producer of natural rubber is Thailand.

Ca. However, today 60% of the world's needs are covered by petrochemically manufactured synthetic rubber. In 1913, a German scientist invented the first synthetically produced rubber. Starting from 1935 the standard production of synthetic rubber under the name "Buna" began in works of the I.G. Colors in Schkopau. The access to natural rubber, which was disturbed during the Second World War, pushed further development into synthetic rubbers. ?

Abbreviations of some, common rubber grades and properties :

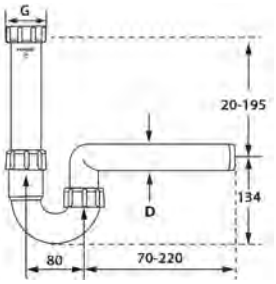
NR	=	Natural Rubber	high elasticity
SBR	=	Styrene-butadiene-Rubber	very universally applicable Rubber
NBR	=	Nitrile-butadiene-Rubber	good resistance to oil and petrol
CR	=	Chloroprene-Rubber	good aging resistance
EPDM	=	Ethylene-propylene-diene-Rubber	aging / weather-proof
VWQ	=	Silicone-Rubber	for physiologically safe use

Due to the continuous technology advances, the properties of these elastomers can now be adjusted to almost all application requirements.

The material "rubber" is usually connected first with rubber tires - "rubber" rolls the entire motorized transport - there are many Examples of other applications that are indispensable in everyday life: Hoses, seals, conveyor belts, V-belts, work clothes, etc.

(Reference: "Rubber - the elastic fascination")

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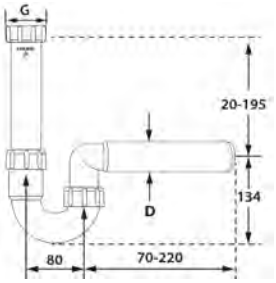
PP sink siphon 1½" Greta, made of 100 % recycled material

NEW



Made of impact-resistant polypropylene (= 100 % recycled material), with 240 mm long drain pipe and height-adjustable immersion pipe. The siphon saves about 300 grams of CO2 and about 7,5 kWh of primary energy.
► complete with all seals
► environmentally friendly packed with hemp string
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
2946	15	300		grey	DN 40	1½"
2948	15	300		grey	DN 50	1½"

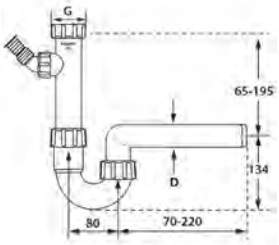


P-Trap 1½"



In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► complete with all seals
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
2900	15			white	DN 40	1½"
2905	15			white	DN 50	1½"
4806	15	300		white	DN 56 (NEW)	1½"



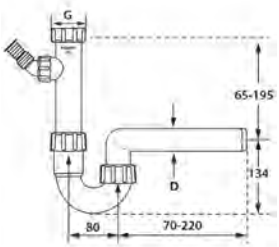
PP sink siphon 1½" Greta with a WS-Connection, made of 100 % recycled material

NEW



Made of impact-resistant polypropylene (= 100 % recycled material), with 240 mm long drain pipe and height-adjustable immersion pipe. The siphon saves about 300 grams of CO2 and about 7,5 kWh of primary energy.
► with a combination device connection ¾" and 1"
► complete with all seals
► environmentally friendly packed with hemp string
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
2949	15	300		grey	DN 50	1½"
2899	15	300		grey	DN 40	1½"

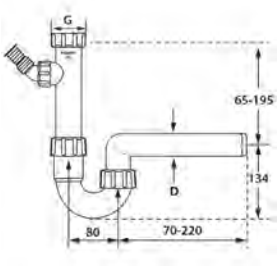


P-Trap 1½" with a device connection



In a sophisticated design, made of impact-resistant polypropylene, with drainpipe, 240 mm long and with height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► complete with all seals
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
2910	15	300		white	DN 40	1½"
2915	15	300		white	DN 50	1½"
4816	15	300		white	DN 56 (NEW)	1½"



P-Trap 1½" with a device connection



In a sophisticated design, made of impact-resistant polypropylene, with drainpipe, 240 mm long and with height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► complete with all seals
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
2917	15	300		white	DN 40/50	1½"

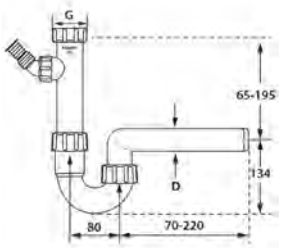
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

PP sink siphon 1½" Greta with a WS connection made of 100 % recycled material



Made of impact-resistant polypropylene (= 100% recycled material), with drain pipe 240 mm long and height-adjustable immersion tube. The siphon saves approx. 300 grams of CO2 and approx. 7.5 kWh primary energy.
► with a combination device connection ¾" and 1".
► Connection DN 40/50
► complete with all seals
► environmentally friendly packed with a hemp string
► according to DIN EN 274

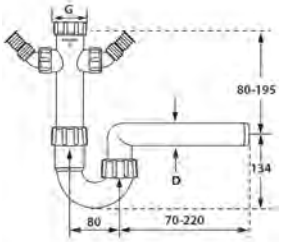


Article no.	PU	PU	PU	Colour	d:	Thread:
2956	15	300		grey	DN 40/50	1½"

P-Trap 1½" with two device connections



In a sophisticated design, made of high - impact polypropylene, with drainpipe 240 mm long and height-adjustable dip tube.
► with two combination device connections ¾" and 1"
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274

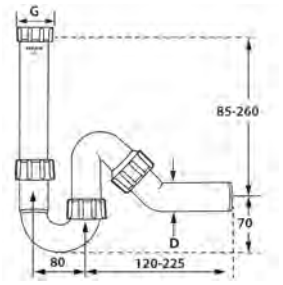


Article no.	PU	PU	PU	Colour	d:	Thread:
2920	15	300		white	DN 40	1½"
2925	15	300		white	DN 50	1½"

P-Trap 1½" with 45° drain elbow



In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274

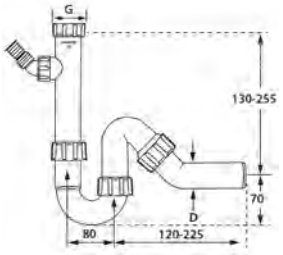


Article no.	PU	PU	PU	Colour	d:	Thread:
2982	15	300		white	DN 40	1½"
2987	15	300		white	DN 50	1½"

P-Trap 1½" with 45° drain elbow and a device connection



In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274

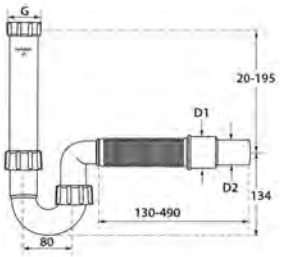


Article no.	PU	PU	PU	Colour	d:	Gewinde:
2980	15	300		white	DN 40	1½"
2985	15	300		white	DN 50	1½"

P-Trap 1½" with flexible hose

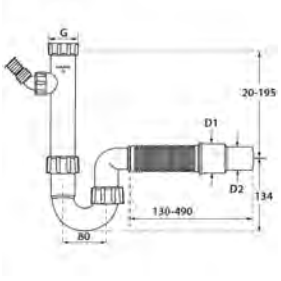


In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► Flexible hose can be shortened as required!
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d1/d2:	Thread:
2800	10	200		white	DN 40/50	1½"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

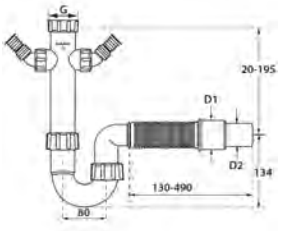


P-Trap 1½" with flexible hose and a device connection

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► Flexible hose can be shortened as required!
► with a combination device conncetion ¾" and 1"
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d1/d2:	Thread:
2805	10	200		white	DN 40/50	1½"

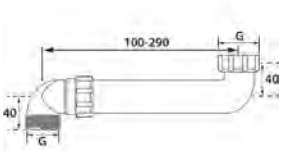


P-Trap 1½" with flexible hose and two device connections

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► Flexible hose can be shortened as required!
► with two combination device conncetions ¾" and 1"
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d1/d2:	Thread:
2820	15	300		white	DN 50/40	1½"

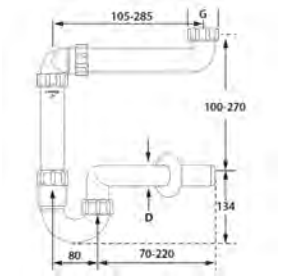


Saving-Space drain arc 1½" x 1½"

► Made of impact resistant polypropylene
► complete with wedgeplast-ring and seals
► individually packed in a polybag
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2940	10	560		white	DN 40	1½" x 1½"

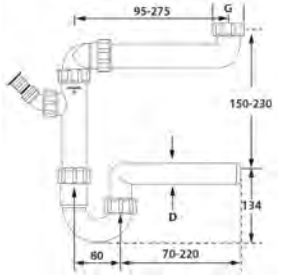


Saving-Space-Siphon 1¼" and 1½" for Sinks and Washbasins

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► complete with all seals and rosette
► can be used both for washing tables and sinks!
► with transition / reduction piece from DN 40 to DN 32 (1½" male to 1¼" male)
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2795	10	200		white	DN 50	1¼" or 1½"
2796	10	200		white	DN 56 (NEW)	1¼" or 1½"



Saving-Space-Siphon 1½" with a device connection

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2895	10	200		white	DN 50	1½"
2890	10			white	DN 40	1½"
4906	10	200		white	DN 56 (NEW)	1½"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

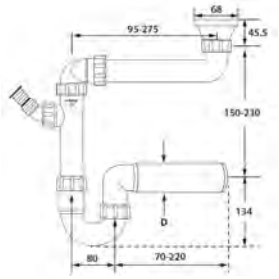
NEW



IKEA® Sink drain adapter 1½" with space-saving-siphon DN 50

IKEA® sink drain adapter 1½" with space-saving siphon DN 50. Finally connect an IKEA® sink to a siphon. Made of impact-resistant polypropylene (= 100% recycled material), with drain pipe 220 mm long and height-adjustable immersion pipe. The set saves approx. 435 grams of CO2 and approx. 10.75 kWh of primary energy.

► with a combination appliance connection ¾" and 1"
► environmentally friendly packaging
► according to DIN EN 274



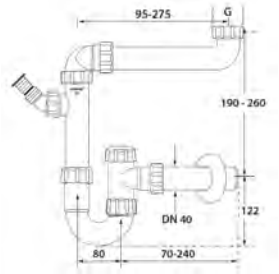
Article no.	PU	PU	PU	Colour	d:	Thread:
2064	1	15		grey	DN 50	1½"

NEW



PP space-saving siphon 1½" and 1¼" with one device connection and cleaning opening

In sophisticated design, made of impact-resistant polypropylene, with drain pipe 220 mm long and height-adjustable immersion pipe
► with one with a device connection 1", ¾" & ⅜"
► individually packed in polybag, incl. assembly instructions
► according to DIN EN 274

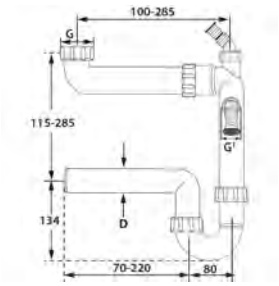


Article no.	PU	PU	PU	Colour	d:	Thread:
5488	1	15		white	DN 40/50/56	1½" or 1¼"



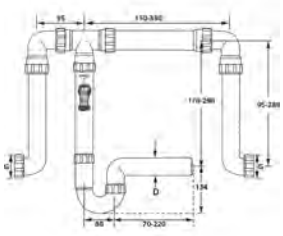
Saving-Space-Siphon 1½" with two device connections

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► with two combination device connections ¾" and 1" (G1)
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2950	10	200		white	DN 40	1½"
2955	10			white	DN 50	1½"
4936	10	200		white	DN 56 (NEW)	1½"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

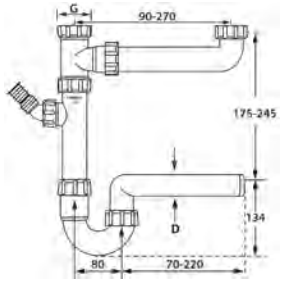


Double-Saving-Space-Siphon with a device connection

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2840	1	10	200	white	DN 40	1½"
2845	1	5		white	DN 50	1½"

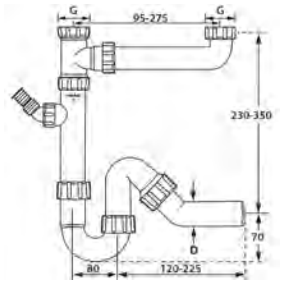


Double-Flushing-Siphon 1½" with a device connection

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2970	1	10	200	white	DN 40	1½"
2975	1	10	200	white	DN 50	1½"
2977	1	10	200	white	DN 56 (NEW)	1½"

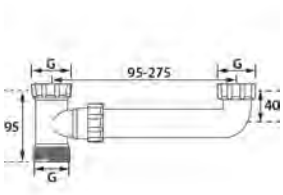


Double-Flushing-Siphon 1½" with 45° drain arc and device connection

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2990	1	10	200	white	DN 40	1½"
2995	1	10	200	white	DN 50	1½"

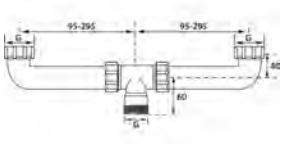


Double-Sink-Connection 1½" x 1½"

► made of impact resistant polypropylene
► complete with wedge plastic ring and seals
► individually packed in a polybag
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2960	10	200		white	DN 40	1½" x 1½" x 1½"



Double-Sink-Connection 1½" x 1½" with centric drain 1½"

► made of impact resistant polypropylene
► complete with seals
► individually packed in a polybag
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:
2965	5	280		white	DN 40	1½" x 1½" x 1½"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Plastic-Siphon and Accessories

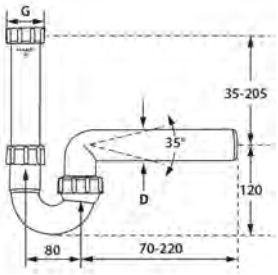
Spherical joint Siphons for Sinks 1½"



Spherical joint Siphon with height-adjustable dip tube 1½ "

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4810	10	200		white	DN 40	1½"
4825	10	200		white	DN 40/50	1½"
4815	10	200		white	DN 50	1½"

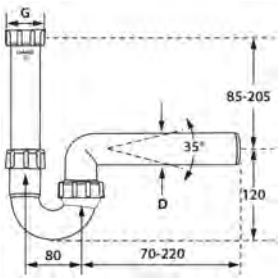




Spherical joint Siphon with a device connection 1½"

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4840	20	400		white	DN 40	1½"
4855	10	200		white	DN 40/50	1½"
4845	20	400		white	DN 50	1½"
4850	10	200		white	DN 50	2"

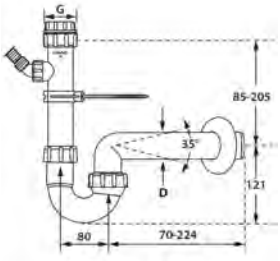




Spherical joint Siphon 1½" with closeable drain connection & combined device connection ¾" & 1"

In a sophisticated design, made of high-impact polypropylene, white and lockable drainconnection, closed at the top. With wall bracket (holding bracket, bolt M6x120 mm, hexagon nut M6), seals and rosette.
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4970	10	200		white	DN 40	1½"
4975	10	200		white	DN 50	1½"

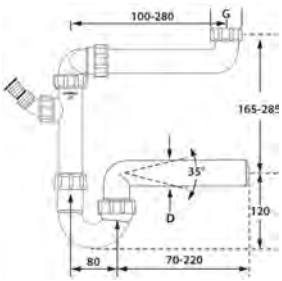




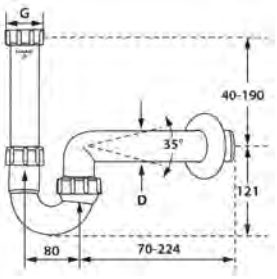
Saving-Space-Spherical joint Siphon with a device Connection 1½"

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4910	10	200		white	DN 40	1½"
4925	10	200		white	DN 40/50	1½"
4915	10	200		white	DN 50	1½"
4920	10	200		white	DN 50	2"



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

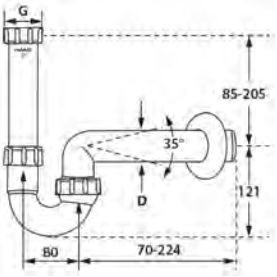


Spherical joint Siphon 1¼"

In a sophisticated design, made of high-impact polypropylene and height-adjustable dip tube.
► with all seals and rosette
► individually packed in the PE bag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4800	10			white	DN 40	1¼"
4805	10	300		white	DN 50	1¼"



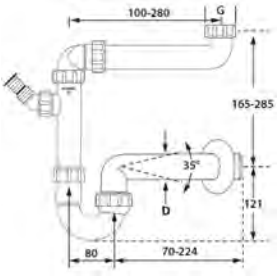


Spherical joint Siphon 1¼" with a device connection

In a sophisticated design, made of high-impact polypropylene and height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► complete with all seals, escutcheon and plug
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4830	10	200		white	DN 40	1¼"
4835	10	200		white	DN 50	1¼"



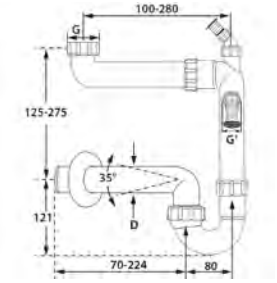


Saving-Space-Spherical joint Siphon 1¼" with a combined device connection

In a sophisticated design, made of high-impact polypropylene and height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► complete with all seals, escutcheon and plug
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4900	10	200		white	DN 40	1¼"
4905	10	200		white	DN 50	1¼"





Space-Saving-Spherical joint Siphon 1¼" with two combined device connections

In a sophisticated design, made of high-impact polypropylene and height-adjustable dip tube.
► with two combination device connections
► complete with all seals, escutcheon and plug
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4930	10	200		white	DN 40	1¼"
4935	10	200		white	DN 50	1¼"



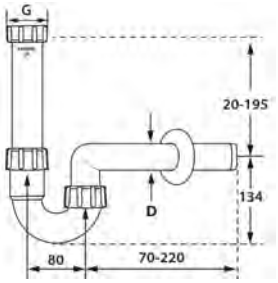
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



P-Trap 1¼"

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► complete with all seals and assembly instructions and rosette
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4632	20	400		white	DN 32	1¼"

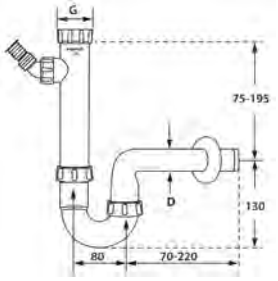




P-Trap 1¼" with a device connection

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► complete with all seals and rosette
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4732	20	400		white	DN 32	1¼"



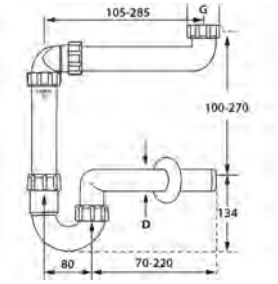
NEW



PP recycled furniture space-saving-siphon 1 ¼" and 1½" Greta made of 100% recycled material

Made of impact-resistant polypropylene (= 100 % recycled material), with drain pipe 240 mm long and height-adjustable immersion tube. The siphon saves approx. 378 grams of CO2 and approx. 9.46 kWh of primary energy.
► complete with all seals
► environmentally friendly packed with a hemp cord
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
2958	15	300		grey	DN 32	1¼" or 1½"
2959	15	300		grey	DN 40	1¼" or 1½"

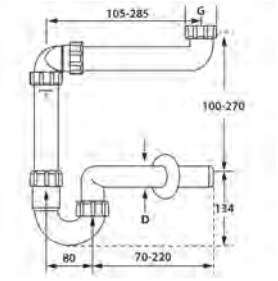




PP washbasin furniture siphon 1¼" + 1½"

In a sophisticated design, made of high-impact polypropylene, with 240 mm long drain pipe and height-adjustable dip tube.
► complete with all seals and rosette
► can be used both for washing tables and sinks!
► with transition / reduction piece from DN 40 to DN 32 (1½" male to 1¼" male)
► individually packed in a polybag, incl. Installation instructions
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4832	20	400		white	DN 32	1¼" or 1½"
4842	10	200		white	DN 40	1¼" or 1½"

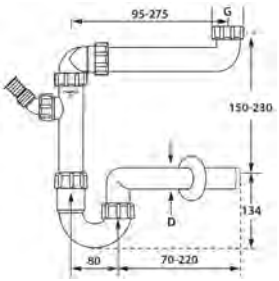




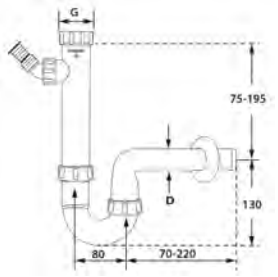
Saving-Space-Siphon 1 ¼" with a combination device connection

In a sophisticated design, made of high-impact polypropylene and height-adjustable dip tube.
► with a combination device connection ¾" and 1"
► complete with all seals, cover plate and plug
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4834	10	200		white	DN 32	1¼"



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



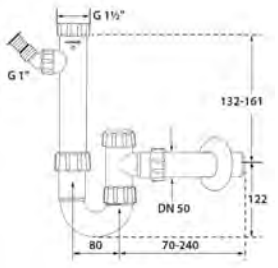
PP ball closure siphon 1¼" and 1½" with one device connection

NEW

The ball closure siphon for sinks and washbasins has an ingenious System with one locking ball. The ball prevents the siphon, which has not been in use for a long time, from drying out, it is easy to clean.
► with a combination device connection ⅜", ¾" and 1"
► complete with all seals and accessories
► Spare part # 5487
► individually packed in polybag



Article no.	PU	PU	PU	Colour	d:	Thread:
5469	1	15		white	DN 32	1¼" or 1½"
5470	1	15		white	DN 40	1¼" or 1½"
5471	1	15		white	DN 50	1¼" or 1½"



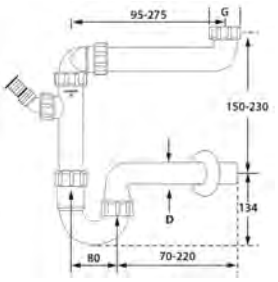
PP ball closure siphon 1½" & 1¼", with one device connection and one cleaning opening

NEW

The ball closure siphon for sinks and washbasins has an ingenious System with one locking ball. The ball prevents the siphon, which has not been in use for a long time, from drying out, it is easy to clean.
► with a combination device connection ⅜", ¾" and 1"
► with one cleaning opening
► complete with all seals and accessories
► Spare part # 5487
► individually packed in polybag



Article no.	PU	PU	PU	Colour	d:	Thread:
5485	1	15		white	DN 50	1½" or 1¼"



PP space-saving ball closure siphon 1¼" and 1½" with one device connection

NEW

The ball closure siphon for sinks and washbasins has an ingenious System with one locking ball. The ball prevents the siphon, which has not been in use for a long time, from drying out, it is easy to clean.
► with a combination device connection ⅜", ¾" and 1"
► complete with all seals and accessories
► Spare part # 5487
► individually packed in polybag



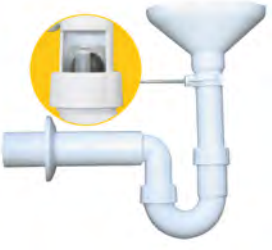
Article no.	PU	PU	PU	Colour	d:	Thread:
5472	1	15		white	DN 32	1¼" or 1½"
5473	1	15		white	DN 40	1¼" or 1½"
5474	1	15		white	DN 50	1¼" or 1½"



PP funnel ball closure siphon

NEW

The ball closure siphon for sinks and washbasins has an ingenious System with one locking ball. The ball prevents the siphon, which has not been in use for a long time, from drying out, it is easy to clean.
► complete with all seals and accessories
► Spare part # 5487
► individually packed in polybag



Article no.	PU	PU	PU	Colour	d:
5475	1	15	300	white	DN 50

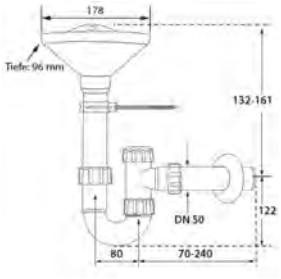
NEW



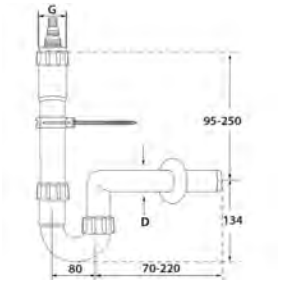
PP funnel ball closure siphon with cleaning opening

The ball closure siphon for sinks and washbasins has an ingenious System with one locking ball. The ball prevents the siphon, which has not been in use for a long time, from drying out, it is easy to clean.

► with cleaning opening
► complete with all seals and accessories
► Spare part # 5487
► individually packed in polybag



Article no.	PU	PU	PU	Colour	d:
5486	1	10		white	DN 40/50/56

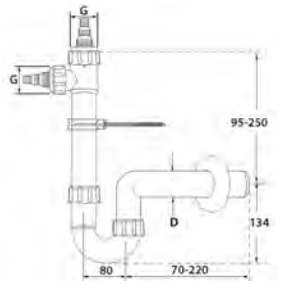


Equipment-Siphon with a combined device conncection ¾", 1" and G 1"

In a sophisticated design, made of high-impact polypropylene
► with wall bracket (holding bracket, bolt M6x120 mm and hexagon nut M6) and seals
► with rosette
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
1930	15	300		white	DN 40	1½"
1935	15	300		white	DN 50	1½"



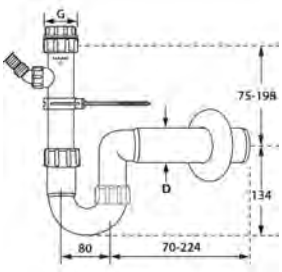


Equipment-Siphon with two combined device conncection ¾", 1" and G 1"

In a sophisticated design, made of high-impact polypropylene
► for the waste water hose of washing machines or dishwashers
► with wall bracket (holding bracket, bolt M6x120 mm and hexagon nut M6) and seals
► with rosette
► individually packed in a polybag
► according to DIN EN 274 and DIN 19541:2004-12

Article no.	PU	PU	PU	Colour	d:	Thread:
2930	15			white	DN 40	1½"
2935	15	300		white	DN 50	1½"



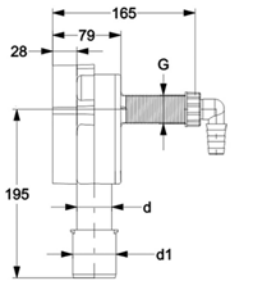


Equipment-Siphon 1½" with closeable drain connection & combined device connection ¾" & 1"

In a sophisticated design, made of high-impact polypropylene
► with wall bracket (holding bracket, bolt M6x120 mm and hexagon nut M6) and seals
► with rosette
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
4971	1	15	300	white	DN 40	1½"
4972	15	300		white	DN 50	1½"



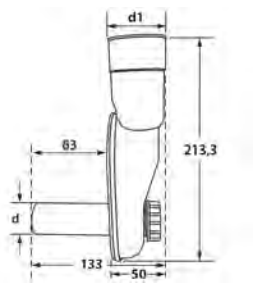


On-wall device siphon with cleaning opening "OHA 2000"

In a sophisticated design, made of impact-resistant polypropylene, white
► with cleaning opening
► with ¾" angle sleeve and union nut, chrome-plated
► complete with seals
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	d1:	Thread:
2005	1	5		white	DN 40	DN 50	1"





NEW

Space-saving washing machine siphon set "Schmalhans"

In sophisticated design, made of impact-resistant polypropylene, incl. hose connections DN 40, with cleaning opening, wall bracket and rubber nipple for DN 32/40/50, also for condensate.
► integrated odour trap with barrier water height of 50 mm
► easy cleaning due to cleaning opening 1" (AG) on the front side
► enclosed fastening clip secures the siphon from slipping out
► 90° and 180° connection spout, suitable for hoses from 8.2 - 26.5 mm internal diameter
► extra narrow - max. installation depth of 50 mm
► very good chemical resistance

Article no.	PU	PU	PU	Colour	d:	d1:
1950	1	5		white	DN 32/40/50	DN 40

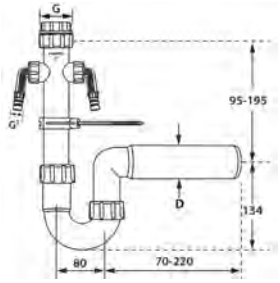


Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



P-Trap 1½", with closeable drain, two device connection with backflow prevention

In a sophisticated design, made of high-impact polypropylene. Ideal for simultaneous condensate draining!
► backstops are installed in both device connections
► closed above
► with 2 device connections
► complete with wall bracket, seals and rosette
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:	Thread:	Device connections:
4681	15	300		white	DN 56	1½"	⅜" x ⅜"
4781	15	300		white	DN 56	1½"	½" x ½"
4981	15	300		white	DN 56	1½"	⅜" x ½"
4782	15	300		white	DN 50	1½"	½" x ½"
4982	1			white	DN 50	1½"	⅜" x ½"
4682	15	300		white	DN 50	1½"	⅜" x ⅜"

NEW



PP funnel siphon 1½" Greta, made of 100% recycled material

Made of impact-resistant polypropylene (=100% recycled material), suitable for Ø 50 mm pipes.
► complete with seals, hanger bolt and wall bracket
► environmentally friendly packed with hemp string
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:
2947	15	300		grey	DN 50



Funnel-Siphon for leakage water

► made of impact resistant polypropylene
► suitable for Ø 40 or 50 mm pipes
► complete with seals, strainer and wall bracket
► with rosette
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	d:
3024	15	300		white	DN 32
3010	15	300		white	DN 40
3015	15	300		white	DN 50
3095	15	300		white	DN 56 (NEW)

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



NEW

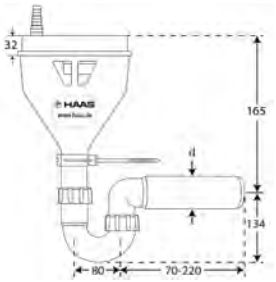
OHA Multitri free drain according to DIN 1717

Ideal for use where drinking water may come into contact with dirty water. Safe drainage of overflow lines such as backwash and regeneration lines of softening as well as water treatment plants, safety valves, pipe aerators, apparatus, tanks, drain or relief fittings and water treatment equipment. Made of impact-resistant polypropylene (= 100% recycled material). The Multitri saves approx. 231 grams of CO2 and approx. 5.79 kWh of primary energy.

- ► Protection of drinking water installations against contamination
- ► Separation of drinking water and drainage system
- ► Automatic safety according to DIN
- ► Practical & versatile
- ► no more improvisation possibilities
- ► Avoidance of incorrect installation
- ► Multifunctional due to universal application possibilities
- ► Observation and detection of unnecessary water losses
- ► suitable for hoses 8.0 - 15.0 mm



Article no.	PU	PU	PU	Colour	
6780	1	10	200	grey	



NEW

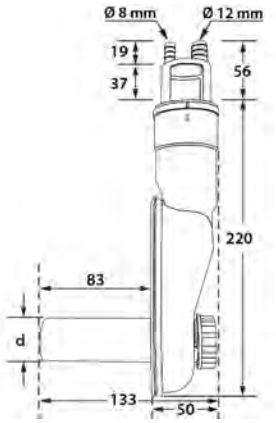
OHA Multitri with siphon and fixing free drain according to DIN 1717

Ideal for use where drinking water may come into contact with dirty water. Safe drainage of overflow lines such as backwash and regeneration lines of softening as well as water treatment plants, safety valves, pipe aerators, apparatus, tanks, drain or relief fittings and water treatment equipment. Made of impact-resistant polypropylene (= 100% recycled material). The Multitri saves approx. 291 grams of CO2 and approx. 7,28 kWh of primary energy.

- ► Protection of drinking water installations against contamination
- ► Separation of drinking water and drainage system
- ► Automatic safety according to DIN
- ► Practical & versatile
- ► no more improvisation possibilities
- ► Avoidance of incorrect installation
- ► Multifunctional due to universal application possibilities
- ► Observation and detection of unnecessary water losses
- ► suitable for hoses 8.0 - 15.0 mm



Article no.	PU	PU	PU	Colour	Compatible for:
6785	1	10	200	grey	DN 50



NEW

OHA Waste water connection siphon "Schmalhans" - free drain acc. to DIN 1717

In sophisticated design, made of impact-resistant polypropylene, with cleaning opening, wall bracket and rubber nipple for DN 32/40/50. Free outlet according to DIN 1717, e.g. for small softening systems up to a maximum of 1.2 m³/h.

- ► Protection of the drinking water installation against contamination
- ► Separation of drinking water and drainage system
- ► practical & versatile use and no more improvisation possibilities
- ► avoidance of incorrect installation
- ► multifunctional due to universal application possibilities
- ► observation and detection of unnecessary water losses
- ► enclosed fixing clip secures the siphon from slipping out
- ► Easy cleaning due to cleaning opening 1" (AG) on the front side
- ► Connection nozzle suitable for one hose each with an inner diameter of 8 mm and 12 mm
- ► integrated odour trap with water barrier height of 50 mm
- ► extra narrow - maximum installation depth of 50 mm
- ► very good chemical resistance
- ► flow rate: 8 mm spout = 800 l/h, 12 mm spout = 1300 l/h, 8 and 12 mm spout = 1500 l/h



Article no.	PU	PU	PU	Colour	Compatible for:
6790	1	5		white	DN 32/40/50

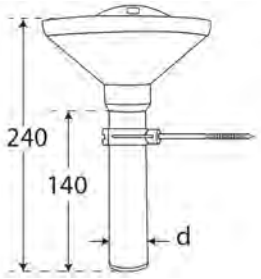
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Funnel for leaking water

► made of impact resistant polypropylene
► complete with seals, strainer and wall bracket
► individually packed in a polybag
► according to DIN EN

Article no.	PU	PU	PU	Colour	d:
2065	5	280		white	DN 40





Adjustment tube with a combination device connection ¾ ", 1" and G 1 "

► complete with wall bracket (holding bracket, bolt M6x120 mm and hexagon nut M6) and seals
► length of the adjustment tube: 280 mm
► made of impact resistant polypropylene
► individually packed in a polybag
► according to DIN EN

Article no.	PU	PU	PU	Colour	d:	Thread:
1931	5			white	DN 40	1½"

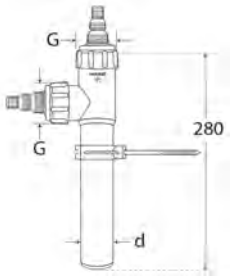




Adjustment tube with two combined device connections ¾ ", 1" and G 1 "

Made of impact-resistant polypropylene, complete with wall bracket (holding clamp, M6x120 mm bolt and hexagon nut M6) and seals. Length of the adjustment tube: 280 mm.
► individually packed in a polybag
► according to DIN EN

Article no.	PU	PU	PU	Colour	d:	Thread:
2934	5			white	DN 40	1 1/2"



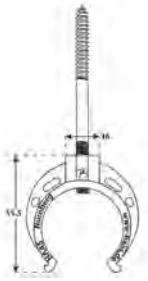


Wall bracket for siphon pipe

For wall mounting of siphons with a dip tube DN 40

► incl. Bolt M6 x 120 and nut M6

Article no.	PU	PU	PU	Colour	d:
2922	5			white	DN 40

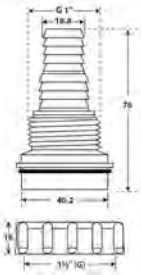




PP-Device-Connection-Nozzle 1" and ¾"

For hose connection ¾" or 1" or G 1" thread connection, complete with spigot nut and seal.
► suitable for item no. 2930, 2934 and 2935
► made of impact polyprophylene
► according to DIN EN

Article no.	PU	PU	PU	Colour	Thread:
2932	5			white	1"

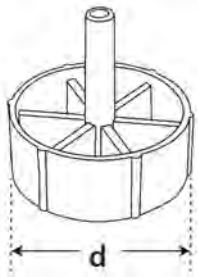




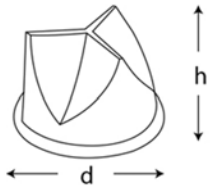
Spare-Screen for Funnel-Siphone item no. 3010, 3015 and 2065

► made of impact resistant polypropylene

Article no.	PU	PU	PU	Colour	d:
3022	5			white	45 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



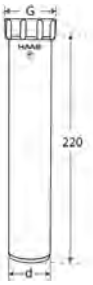
Backflow preventer "SAVE", for device connections (G 1 ")

► ideal backflow protection on siphon device connections
► opens only when water is running out
► tight to 1.5 bar

Material: silicone, natural color

Article no.	PU	PU	PU	Colour	d:	h:
6653	20			natural	Ø 26,5 mm	18 mm



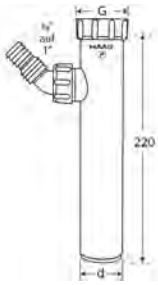


Dip tube 1½"

► with coupling nut and flat gasket
► made of impact resistant polypropylene
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	G:
2909	5			white	DN 40	1½"



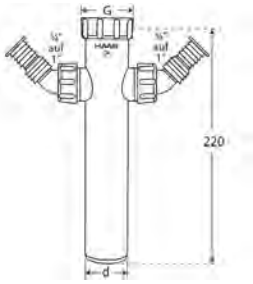


Dip tube 1½" with a device connection

Made of impact-resistant polypropylene, with a combination device connection ¾" and 1". With spigot nut and flat gasket.
► individually packed in a polybag
► according to DIN EN

Article no.	PU	PU	PU	Colour	d:	Thread:
2911	5			white	DN 40	1½"



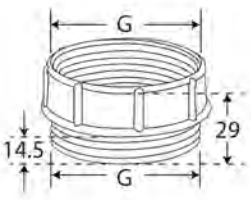


Dip tube 1½" with two device connections

Made of high-impact polypropylene, for connections ¾" and 1". With spigot nut and flat gasket.
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:
2921	5			white	DN 40	1½"



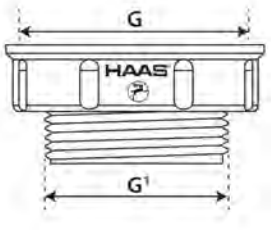


Adapter for height compensation 1½" x 1½"

Made of impact-resistant polypropylene, height adjustment by 18 mm and complete with gasket.
► individually packed in a polybag
► according to DIN EN

Article no.	PU	PU	PU	Colour	Thread:
2821	5			white	1½"





PP Reducer, white from 2" to 1 1/2"

Made of impact-resistant polypropylene, complete with gaskets.
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	G / G1:
2924	5			white	1½" on 1¼"
2928	5	20		white	2" on 1½"



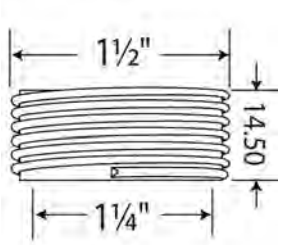
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Adapter, white from 1½" to 1¼"

Reducer from drain valve 1¼" on siphon 1½", made of impact polypropylene, white.
► complete with seals
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	G / G1:
2923	5			white	DN 40 on DN 32 (1 ½" (O-Ø) on 1¼" (I-Ø)

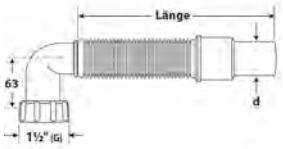




Drain hose flexible 1½ " with 90° bow for Siphons

► individually packed in a polybag
► can be shortened!
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:	Lenght:
2810	5			white	DN 40/50	1½"	490 mm

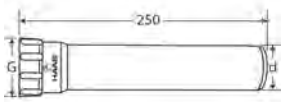




Extension pipe 1½", 250 mm

► made of impact resistant polypropylene
► complete with nut and seal
► individually packed in a polybag
► according to DIN EN

Article no.	PU	PU	PU	Colour	d:	Thread:
2815	5			white	DN 40	1½"

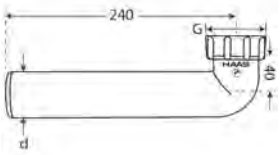




Drain arc 1½" 90°, 240 mm

► made of impact resistant polypropylene
► individually packed in a polybag
► with nut and flat gasket
► according to DIN EN

Article no.	PU	PU	PU	Colour	d:	Thread:
2966	5			white	DN 40	1½"





Connecting hose for Siphons

Made of high quality polypropylene, flexible and extendable as required.
► individually packed in a polybag
► according to DIN EN

Article no.	PU	PU	PU	Colour	d:	Thread:	Length:
2666	5	25		white	DN 32	1¼"	336 to 770 mm
2667	5	25		white	DN 40	1½"	336 to 770 mm





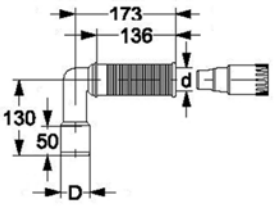
Adapter DN 40/50 with Pipe collar

► made of impact resistant polypropylene
► complete with seal

Article no.	PU	PU	PU	Colour	d:	D:
2927	10	150	1500	white	DN 40	DN 50



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



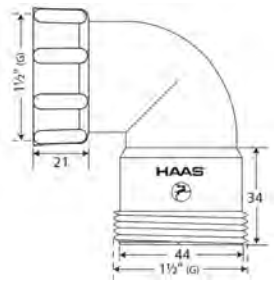
HT-Terminal bracket DN 50/32

With rubber nipple for siphon drainpipes DN 32, as well as universal plastic building pots. The grooves in the connection angle facilitate the sawing to the wall.

► according to DIN EN

Article no.	PU	PU	PU	Colour	d:	D:
6650	5			grey	DN 32/40/50	DN 40/50



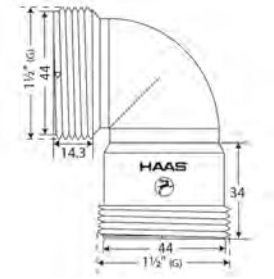


Saving-Space arc 1½" x 1½"

► made of impact resistant polypropylene
► complete with spigot nut and seal
► individually packed in a polybag
► according to DIN EN

Article no.	PU	PU	PU	Colour	d:	Thread:
2945	5			white	DN 40	1½" (O-Ø) x 1½" (I-Ø)



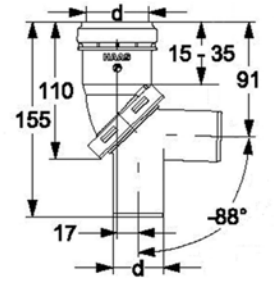


Saving-Space arc 1½" x 1½" with two threads

► made of impact resistant polypropylene
► individually packed in a polybag
► according to DIN EN

Article no.	PU	PU	PU	Colour	d:	Thread:
2941	5			white	DN 40	1½" (O-Ø) x 1½" (O-Ø)





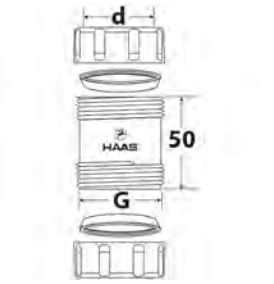
OHA-Multi-Arc for Siphons

The special advantage lies in the time saving during the installation. As an optimal solution with narrow installation conditions, enormous storage space saving both at the specialist trade as well as with the installer in the warehouse, in the customer service vehicle. The new OHA Multi-Arc is infinitely adjustable from 0° to 87° degrees, replaces six conventional fixed angle HT-Arcs.

Further installation advantages:
When connecting cables to obliquely upwardly directed branching branches in basic or collective lines, but also in many other cases, often not even two arcs are sufficient to obtain the appropriate connection angle.
► with one bow the right number of grades, is not necessary to tray many times
► no tensions and thus possible leaks in the area of the arc connection
► facilitates the connection of drainage points even after the raw construction phase
► special sliding seal ensures easy handling
► no unnecessary storage
► thanks to a sophisticated sealing system, the OHA-Multi-Arc remains tight in every position!
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:
2881	10	100		white	DN 50/40
2884	10	100		white	DN 40/50
2885	10	100		white	DN 50/50





Intermediate piece DN 40, 1½ "x 1½"

Made of impact-resistant polypropylene. For connecting siphon pipes DN 40, as extension or G 1½"-compatible. Consisting of: 1 intermediate piece DN 40, 2 wedge split rings and 2 union nuts.
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Thread:	Height:
2999	1	10		white	1½" x 1½"	50 mm

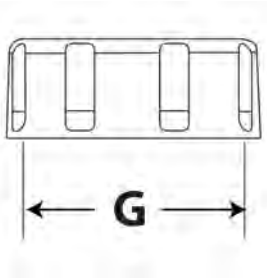




Spigot nut

► made of impact resistant polypropylene, white
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Compatible for:	Thread:	Height:
2902	10	50		white	Dip tube	1½" DIN 228-1	21 mm
2903	10	50		white	Odor closure/Dip tube	1½"	25 mm
2951	10			white	Hose nozzle	1" DIN 228-1	17,3 mm

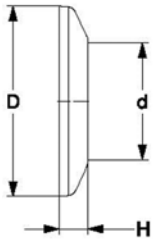




Cover plate for Siphons

► made of impact resistant polypropylene, white
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Drain outlet:	D:	d:	H:
2901	10	50		white	DN 40	84 mm	40,6 mm	12,7 mm
2906	10			white	DN 50	94 mm	50,4 mm	12,7 mm
2938	10	50		white	DN 32 (NEW)	67 mm	32 mm	12,7 mm

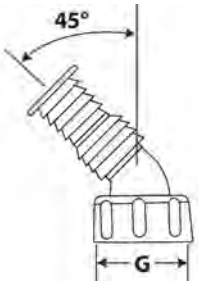




Combined device connection nozzle 1" and ¾" with sealing disc and plug

Made of impact-resistant polypropylene, with 1" nut and combination device connection ¾" to 1"
► complete with seal, sealing disc and pluG
► according to DIN

Article no.	PU	PU	PU	Colour	Thread:	Insertion height in mm:
2912	10	100		white	1"	37 mm

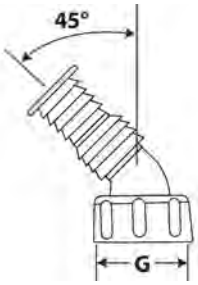




Combined device connection nozzle "Save" 1" & ¾" with backflow preventer, sealing disc & plug

Made of impact-resistant polypropylene with a new revolutionary back-pressure system, opens only when the water runs out. With sealing disc, plug & 1" nut and combi connection ¾" to 1", leak-proof to 1 bar.
► according to DIN

Article no.	PU	PU	PU	Colour	Thread:	Insertion height in mm:
2916	5			white	1"	37 mm

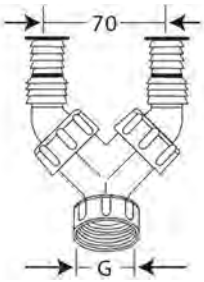




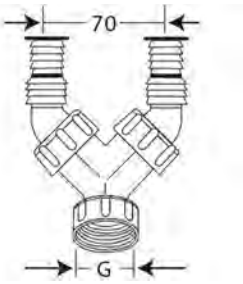
Double combined device connection nozzle 1" and ¾" with sealing disc and plug

For sink siphons made of high-impact polypropylene, with 1" nut and 2 combi connections 3/4" to 1".
► according to DIN

Article no.	PU	PU	PU	Colour	Thread:	Insertion height in mm:
2914	10			white	1"	37 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

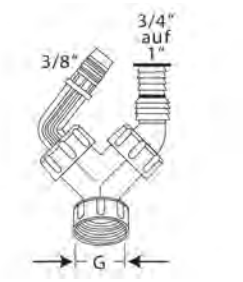


Double combined device connection nozzle "Save", 1" & ¾", backflow preventer, sealing disc & plug

Made of impact-resistant polypropylene with a new revolutionary back-pressure system, opens only when the water runs out. Complete with gasket, sealing disc, blind plugs, With 1" nut and combi connections ¾" to 1", tight to 1 bar.
► according to DIN

Article no.	PU	PU	PU	Colour	Thread:	Insertion height in mm:
2913	1	10		white	1"	37 mm





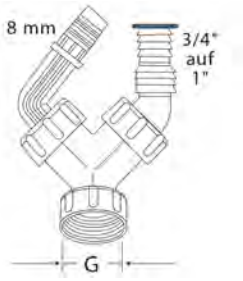
PP-Angle-Hose-Nozzle Ø9 -14 mm, ⅜ "x G 1" for condensate connection, with backflow preventer

Made of impact-resistant polypropylene with a new revolutionary back-pressure system, opens only at the end water. Complete with gasket, sealing disc, plug and with 1" nut. Combi connection ¾" to 1" and condensate connection ⅜", leak-proof to 1 bar.

► according to DIN

Article no.	PU	PU	PU	Colour	Thread:	Device connection:	Condensate connection:
2937	5	50		white	1"	3/4" to 1"	3/8" / 10 mm





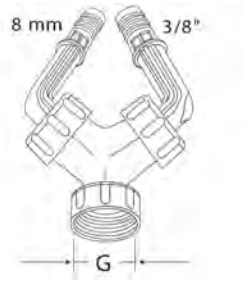
NEW

Condensate and appliance connection spout "Save" 1", ¾" on 1" and 8mm with backflow preventer

Condensate and appliance connection spout "Save" 1", ¾" on 1" and 8mm condensate connection with new revolutionary backflow system, opens only when water drains. Complete with gasket, blind plug, 1" nut and combination connection ¾" to 1" and condensate connection 8 mm (flow min. 800 l/h). Suitable for Siphone with device connection.

Article no.	PU	PU	PU	Colour	Thread:	Device connection:	Condensate connection:
2969	5	50		white	1"	¾" to 1"	8 mm





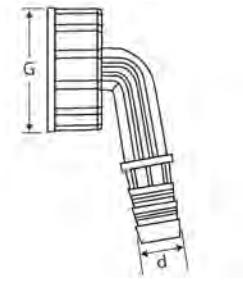
NEW

Condensate connection spout "Save" ⅜"/10 mm and 8 mm with backflow preventer

Condensate connection spout "Save" with ⅜"/10 mm and 8mm condensate connection made of impact resistant polyamide with glass fiber and with new revolutionary backflow system, opens only when water drains. Complete with gasket, 1" nut, condensate connection ⅜"/10 mm and condensate connection 8 mm (flow min. 800 l/h). Suitable for Siphone with device connection.

Article no.	PU	PU	PU	Colour	Thread:	Condensate connection1:	Condensate connection2:
2968	5	50		white	1"	⅜" / 10 mm	8 mm





Hose nozzle with angle 90° with condensate connection

Made of impact-resistant polypropylene, complete with nut & gasket.
► according to DIN

Article no.	PU	PU	PU	Colour	d:	Height in mm:	Thread:
2939	5			white	⅜" / 10 mm	51 mm	1"
2942	5	25		white	½" / 12 mm	63 mm	1"
2943	5	25		white	¾" / 19 mm	60 mm	1"



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

Float ball for ball closure siphon

Accessories for all ball closure siphons in our range.



Article no.	PU	PU	PU	Colour	
5487	5	50		grey	





Closure set for device connection, 1 "

Consisting of 1x:
► sealing disk (blue)
► sealing
► plug (blue)

Article no.	PU	PU	PU	Colour	
2926	1	5		blue	





Set of Seals for Dip tube 1½"

►compatible for e.g. Geberit® and HAAS-Siphons

Article no.	PU	PU	PU	Colour	Content:
7471	10	200		black	3 pcs. packed in a polybag

The content is composed of:

	piece:	size:
7465	1	33 x 38 x 4 mm
6163	1	40,5 x 45 x 3 mm
8616	1	35 x 45 x 2 mm





Set of Seals for Sink-Siphons 1½"

► compatible for e.g. Geberit® and HAAS-Siphone

consisting of:
OHA press seals, rubber seals and plastic crush seals packed in a polybag

Article no.	PU	PU	PU	Colour	Content:
2907	5	25		black	for 1-pcs. PP-Siphons, 5 seals
2908	5	25		black	for 2-pcs. PP-Siphons, 10 seals





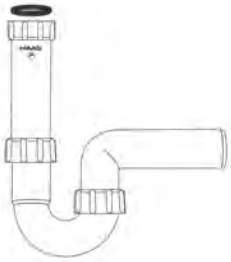


Sealing kit for 1-piece ball joint sipohns

► compatible for 1-piece ball joint siphon

Article no.	PU	PU	PU	Colour	Total content:
4801	5	25		black	6 Stück





Rubber-Dip tube port seal 1½"

► in Rubber special quality

Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
8616	100	500		black	1½"	35 mm	45 mm	2 mm



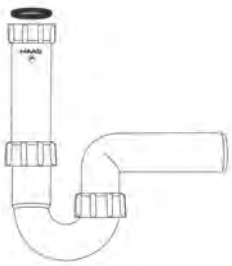
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber siphon dip pipe seal 1¼"

► For washbasin siphon

Article no.	PU	PU	PU	Colour	Size:	i-Ø in mm:	o-Ø in mm:	Height in mm:
8125	50	250		black	1¼"	31 mm	39 mm	2 mm

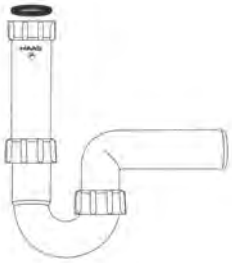




Rubber siphon dip pipe seal 1½"

► For flush siphon

Article no.	PU	PU	PU	Colour	Size:	i-Ø in mm:	o-Ø in mm:	Height in mm:
8127	50	250		black	1½"	35 mm	45 mm	2 mm

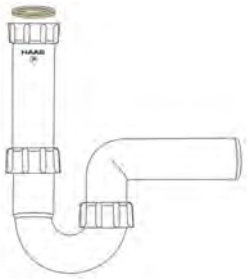




OHA-Press-Dip tube port seal 1½", 35 x 45 x 1,8 mm

► for siphon couplings
► in OHA press quality, 1.8 mm thick
► Suitable for rinsing, showering and bathing siphons

Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
8843	50	250		yellow	1½"	35 mm	45 mm	1,8 mm

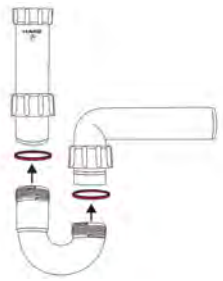




Plastic crush ring for Dip tubes

► compatible for Geberit® and HAAS-Siphons

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
6163	50	250		red	40,5 mm	45 mm	3 mm



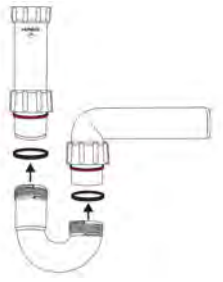


Rubber-Dip tube seal

► compatible for Geberit® and HAAS-Siphons and drain connections
► Application only with plastic crimp ring # 6163

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
7465	50	250		black	33 mm	38 mm	5 mm
7334	50	250		black	38 mm	44 mm	4 mm

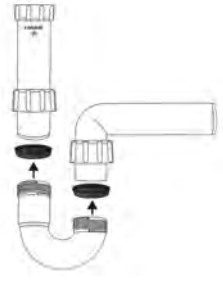




Wedge seal for sink siphon 1½"

► suitable for sink siphon immersion pipes (odor traps)
► Application only with plastic crimp ring # 6163
► made of special soft plastic

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
6101	50	250		black	40 mm	45 mm	7 mm
6114	50	250		transp.	39 mm	44 mm	8 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Centering cone siphon seal 1½"

► suitable for flushing siphon

Article no.	PU	PU	PU	Colour	i-Ø in mm:	o-Ø in mm:	Height in mm:
6185	10	500		black	35,6 mm	43 mm	4,1 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Plastic-Siphon and Accessories

Urinal and Bidet Siphons



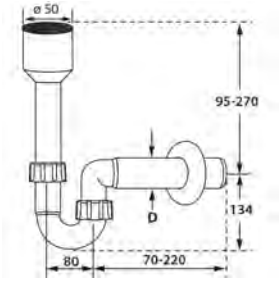
Siphon for Urinal and Sinks

For urinals or sinks without integrated odor seal and molded connection Ø 50 mm.

► with cover plate and seal
► made of impact resistant polypropylene, white
► according to DIN

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	d:	D:
6225	1	15		white	DN 50	ø 50 mm
6224	1	20		white	DN 40	ø 50 mm
6229	1			white	DN 56	ø 50 mm
6236	1			white	DN 32	ø 50 mm



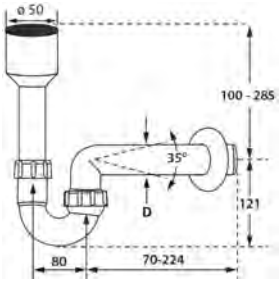


Spherical joint Siphon for Urinal and Sinks

► with cover plate and seal
► made of impact resistant polypropylene, white
► according to DIN

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	d:	D:
4990	10	200		white	DN 40	ø 50 mm
4995	15	300		white	DN 50	ø 50 mm



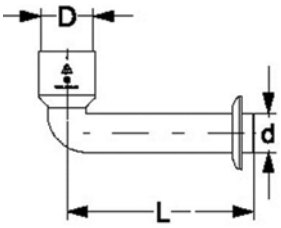


Urinal-Connection-Bends for urinals and sinks

For urinals with integrated odor seal & Molded connection piece Ø 50 mm or Ø 65 mm.
► with cover plate and seal
► made of impact resistant polypropylene, white
► according to DIN

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	d:	D:	L:
6227	10	200		white	DN 50	ø 50 mm	292,5 mm
6228	5	100		white	DN 50	ø 50 mm	164,5 mm





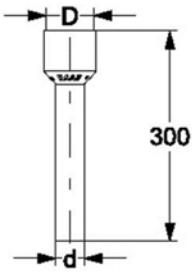
Connection lug for Urinals and Sinks

Spare part for item no. 6225
► including seal
► made of impact resistant polypropylene, white

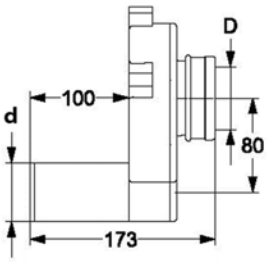
► according to DIN

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	d:	D:
6226	10	200		white	DN 40	ø 50 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Urinal suction siphon for horizontal drainage

Made of PE (very good chemical resistance), with rubber seal, completely assembled. Suitable for ceramic connection Ø 48 - 52 mm.

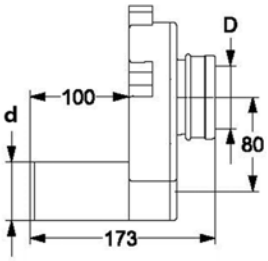
► horizontal flow
► height: 80 mm (from center "inlet" to middle "outlet")
► according to DIN 1380: 2001-05 and DIN 19541: 2004-1
► Minimum flow rate: 0.6l/sec.
► NOW NEW - pre-equipped for flush sensor with sensor holder.

*Please note: The flush sensor is not included!!!

Material (seal): EPDM, resistant to aging and weathering, according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	d:	D:
6280	5	280		blue	DN 50	DN 50



NEW

Urinal siphon horizontal with sensor, suitable for electronic flush from Grohe®

PE urinal siphon with horizontal outlet, made of PE (very good chemical resistance), with rubber seal, completely assembled. Suitable for ceramic connection Ø 48 - 52 mm.

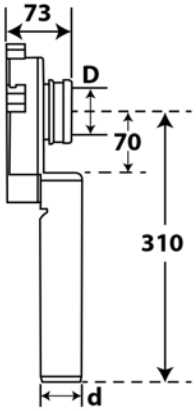
► Height: 80 mm (from center "inlet" to center "outlet")
► according to DIN 1380:2001-05 and DIN 19541:2004-12
► Minimum flow rate: 0.6l/sec. or 36l/min
► with sensor holder

Including sensor for urinal control with electronic flush triggering. Suitable for Grohe® 39367000, 39368000, 39369000
► Length: 185 mm
► Connection: SK 5/4 female
► Protection class: IP 68
► Plug connection waterproof

Material (seal): EPDM, resistant to aging and weathering according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	d:	D:	Accessoires:
6282	1	5		blue	DN 50	DN 50	Extension cable: Item No. 6004



Urinal suction siphon for vertical drainage

Made of PE (very good chemical resistance), with rubber seal, completely assembled. Suitable for ceramic connection Ø 48 - 52 mm.

► Vertical drain
► height 310 mm (from "inlet" to end "drain pipe")
► individually packed in a polybag
► according to DIN 1380: 2001-05 and DIN 19541: 2004-12
► Minimum flow rate: 0.6l/sec.

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	d:	D:
6290	5	280		white	DN 50	DN 50

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



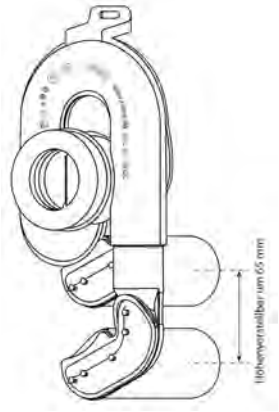
Urinal suction siphon, height adjustable by 65 mm, DN 50, dismount horizontal

The height-adjustable urinal siphon is balanced for construction-related height differences between urinal siphon and the drain by max. 65 mm off.

► maximum flow 0,6 l/sec. or 36 l/min
► Inlet suitable for ceramic connections Ø 50 ± 2 mm
► Drain pipe Ø 50 mm suitable for HT pipe DN 50 sleeve
► recommended height 80 mm (from middle inlet to middle outlet)
► minimum height 65 mm (from middle inlet to middle outlet)
► maximum height 130 mm (from middle inlet to middle outlet)
► according to DIN 1380: 2001-05 and DIN 19541: 2004-12
► Main body very good chemical resistance
► NOW NEW - pre-equipped for flush sensor with sensor holder.

*Please note: The flush sensor is not included!!!

Material (seal): EPDM, resistant to aging and weathering, according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	d:	D:
6000	1	5	280	black	DN 50	DN 50

NEW



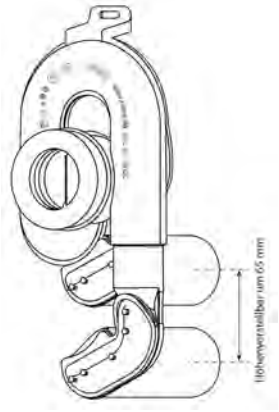
Urinal suction siphon height-adjustable with sensor, suitable for electronic flush from Grohe®

The height-adjustable urinal siphon compensates for height differences between the urinal siphon and the drain caused by construction by max. 65 mm.

► Maximum flow rate 0.6 l/sec. or 36 l/min.
► Inlet suitable for ceramic connections Ø 50 ±2 mm
► Outlet pipe Ø 50 mm suitable for HT pipe DN 50 socket
► recommended height 80 mm (from center of inlet to center of outlet)
► minimum height 65 mm (from center inlet to center outlet)
► maximum height 130 mm (from center inlet to center outlet)
► according to DIN 1380:2001-05 and DIN 19541:2004-12
► Material base body very good chemical resistance

Including sensor for urinal control with electronic flush release. Suitable for Grohe® 39367000, 39368000, 39369000.
► Length: 185 mm
► Connection: SK 5/4 female
► Protection class: IP 68
► Plug connection watertight

Material (seal): EPDM, resistant to aging and weathering, according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	d:	D:	Accessories:
6006	1	5		black	DN 50	DN 50	extension cable, Art. 6004

NEW



Sensor for urinal control with electronic flush trigger. Suitable for GROHE®

Sensor for urinal control with electronic flush release. Suitable for Grohe® 39367000, 39368000, 39369000.

► Length: 185 mm
► Connection: SK 5/4 female
► Protection class: IP 68
► Plug connection waterproof



Article no.	PU	PU	PU	Colour	Accessories:
6003	1			black	Extension cable, Art. 6004

NEW

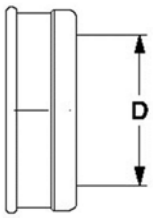
Extension cable for urinal sensor suitable for Geberit®, Grohe® and Viega®

Extension cable for urinal sensor suitable for Geberit®, Grohe® and Viega®.

► Length: 80 cm
► Connection: SK 5/4 female and SK 5/4 male
► Protection class: IP 68
► Plug connection waterproof

Article no.	PU	PU	PU	Colour	
6004	1	5		black	





Rubber Seal for urinal suction siphon

► suitable for item no. 6280 and 6290

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	D:
3150	10	100		black	45 mm

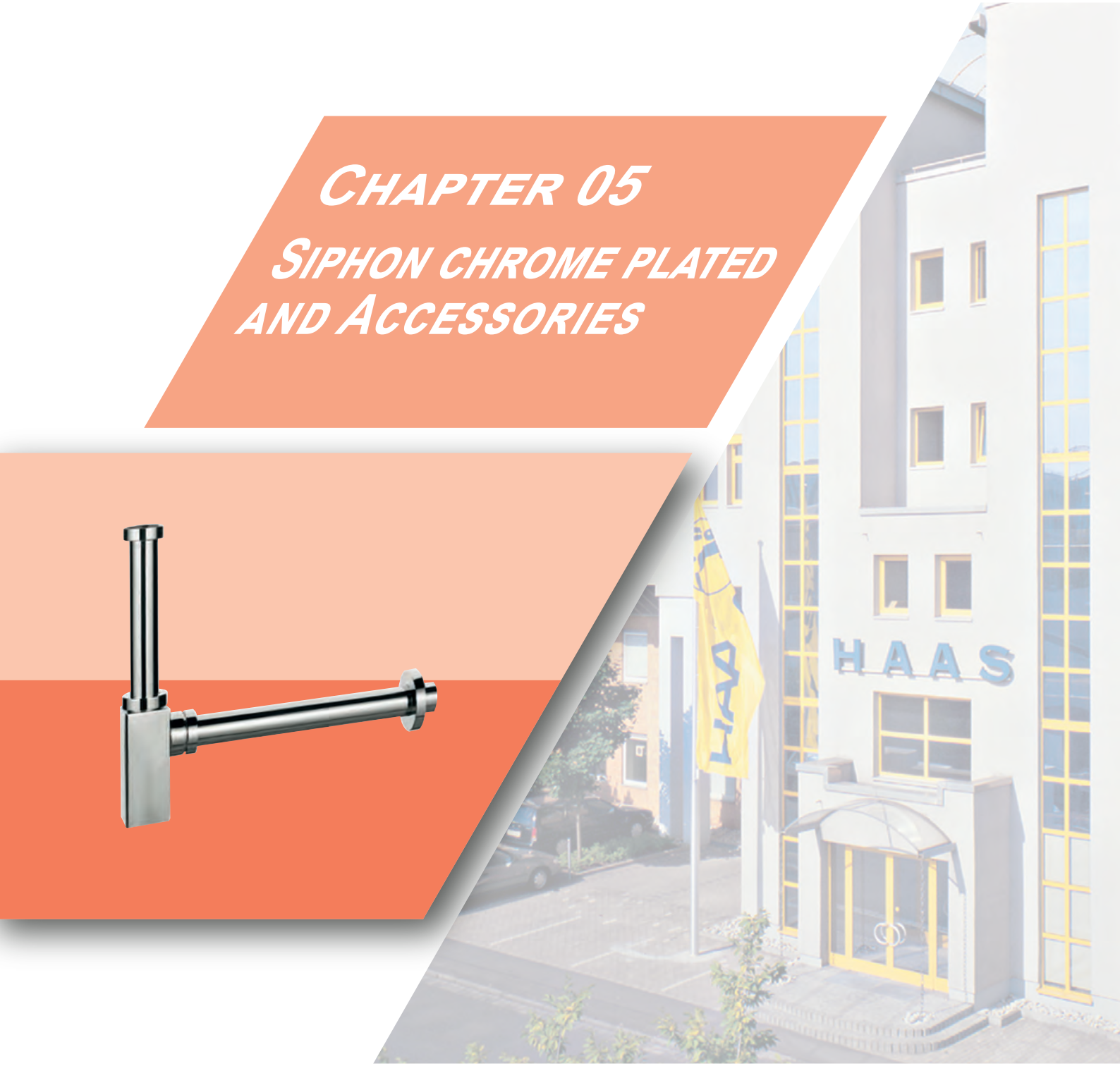


Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

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Chapter 05
Siphon chrome plated and Accessories



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P-Trap 1¼"

P-Trap chromed for washbasins 1¼" with cover plate.
► individually packed in a carton

according to DIN

Article no.	PU	PU	PU	Colour	Description:	Darin outlet:
2083	10	30	360	chrome	P-trap 1¼"	DN 32





P-Trap 1¼" "Long-Version" 120 x 220 mm

P-Trap chromed for washbasins 1¼" with cover plate.
► individually packed in a carton

according to DIN

Article no.	PU	PU	PU	Colour	Description:	Drain outlet:
2380	10	30	360	chrome	P-trap 1¼"	DN 32





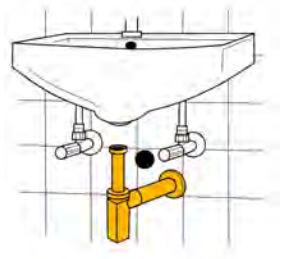
Bottle-Trap 1¼"

Bottle-Trap chromed for washbasin 1¼" with cover plate.
► individually packed in a carton

according to DIN

Article no.	PU	PU	PU	Colour	Description:	Darin outlet:
2082	10	30	360	chrome	Bottle-Trap	DN 32





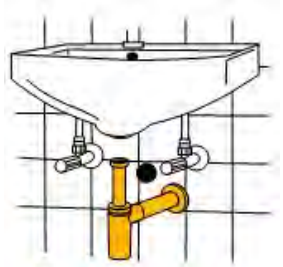
Design-Bottle-Trap 1¼" ADRIANO

► brass chromed, with cover plate
► individually packed in a carton

according to DIN

Article no.	PU	PU	PU	Colour	Description:	Drain outlet:
2770	1	10		chrome	bottle trap 1¼"	DN 32





Design-Bottle-Trap 1¼" MARTINO

► brass chromed, with cover plate
► individually packed in a carton

according to DIN

Article no.	PU	PU	PU	Colour	Description:	Drain outlet:
2771	1	10		chrome	bottle trap 1¼"	DN 32





1¼" Design-Bottle-Trap 1¼" GINO

► brass chromed, with cover plate
► individually packed in a carton

according to DIN

Article no.	PU	PU	PU	Colour	Description:	Drain outlet:
2772	1	10		chrome	bottle trap 1¼"	DN 32



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Siphone chorme plated and Accessories

Vanity Siphons chromed



Design-Bottle-Trap 1¼" Christiano with concealed Dip-Tube

► brass chromed, with cover plate
► drain pipe 300 mm long
► individually packed in a carton

according to DIN

Article no.	PU	PU	PU	Colour	Description:	Drain outlet:
2774	1	10		chrome	bottle trap 1¼"	DN 32



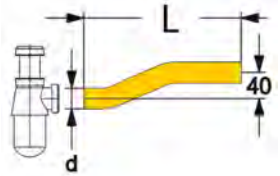


Brass drain pipe cranked, 30 mm

► brass, chromed
► outside high-gloss chromed
► individually packed in polybag

according to DIN

Article no.	PU	PU	PU	Colour	Drain outlet:	Length:	Cranked:
2415	1	5		chrome	DN 32	300 mm	30 mm
2416	1	5		chrome	DN 32	300 mm	40 mm





Drain pipe flexible for bottle trap

DN 32, straight with flexible part 1¼" in brass chromed.
► individually packed in a polybag

according to DIN

Article no.	PU	PU	PU	Colour	Length:
2037	1	10		chrome	250 mm, with flexible part
2038	1	10		chrome	300 mm, with flexible part



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



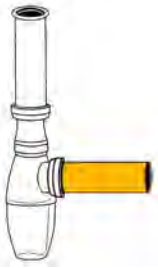
Dip tube for bottle trap

DN 32, straight 1¼" in brass chromed with flanged edge.
► individually packed in a polybag

according to DIN

Article no.	PU	PU	PU	Colour	Length:
2047	1	10		chrome	190 mm
2048	1	10		chrome	250 mm
2049	1	10		chrome	390 mm





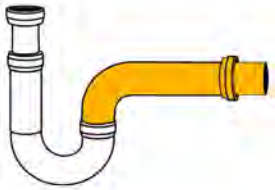
Drain pipe for bottle trap

DN 32, straight 1¼" in brass chromed, without flange edge.
► individually packed in a polybag

according to DIN

Article no.	PU	PU	PU	Colour	Length:
2044	1	10		chrome	190 mm
2045	1	10		chrome	250 mm
2046	1	10		chrome	300 mm





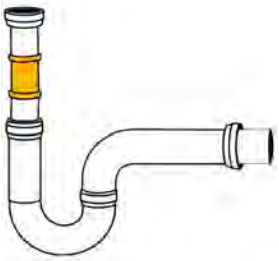
Drain pipe for P-Trap

DN 32, 90° bent, with flanged edge 1¼" in brass chromed and 250 mm long.
► individually packed in a polybag

according to DIN

Article no.	PU	PU	PU	Colour	Length:
2043	1	10		chrome	250 mm





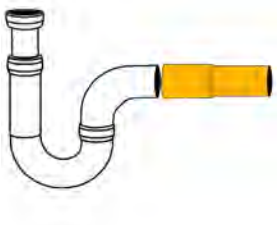
Double pipe collar, chromed brass

DN 32, 1¼" for extending siphon drainpipes, 50 mm long and two O-rings.
► individually packed in a polybag

according to DIN

Article no.	PU	PU	PU	Colour	Description:	Size:
2042	10	50		chrome	Double pipe collar	1¼", 50 mm long





Extension tube, 130 mm long

DN 32, 1¼" the fast, stable extension of siphon pipes in brass chromed.
► individually packed in a polybag

according to DIN

Article no.	PU	PU	PU	Colour	Description:
2040	10	50		chrome	Spigot and socket extension



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

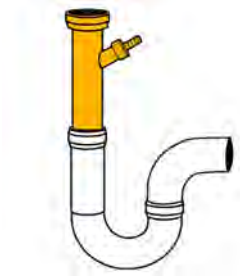


Dip tube 1¼" with device connection

1¼", NW 32 mm, with hose fitting ¾" to drain connection to washing machines in brass chromed, complete with seals.
► individually packed in a polybag

according to DIN

Article no.	PU	PU	PU	Colour	Drain pipe:
2039	10	50		chrome	200 mm long





Cover plate

Spare part for item no. 2700

► brass chromed

according to DIN

Article no.	PU	PU	PU	Colour	Outer-Ø:	Hole-Ø:	Height:
2377	10	100		chrome	90 mm	32 mm	6 mm



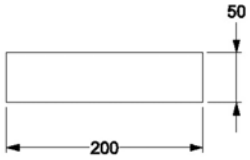


OHA-Rubber-Scratch-Protection for Armatures

This high-quality OHA® rubber scratch protector allows you to open and close nuts and closures of siphons and drains without damage or scratches.

► simply clamp between the jaws and the siphon or drain when mounting.
► made of a special PU color, orange

Article no.	PU	PU	PU	Colour	Size in mm:	Strength in mm:
7755	1	5		orange	50 x 200 mm	1 mm





Sealing set for washbasin siphone DN 32

Sealing set for washbasin siphone in DN 32.

Article no.	PU	PU	PU	Colour	d:
2084	10	50		black	DN 32



Seal kit for bottles trap DN 32

Seal kit for bottles trap in DN 32.

Article no.	PU	PU	PU	Colour	d:
2099	10	50		black	DN 32

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



P-Trap for bidet 1¼"

- ► brass chromed
- ► with wall rosette
- ► individually packed in a carton
- ► according to DIN EN 274



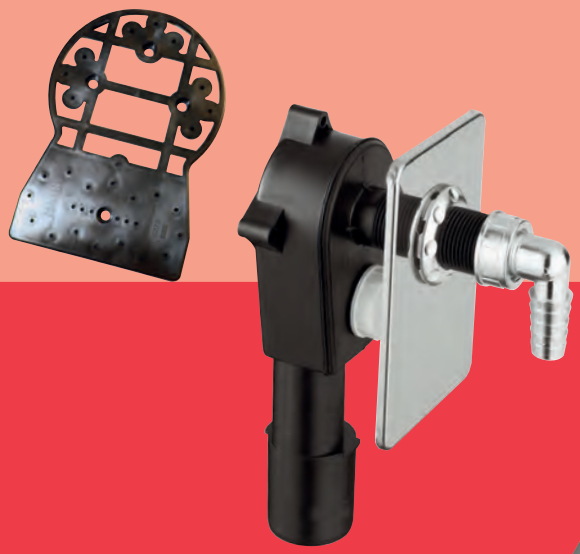
Article no.	PU	PU	PU	Colour	Description:	Drain:
2085	5	15		chrome	P-Trap for bidet 1¼"	DN 32

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

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Chapter 06
Flush-mounted Siphon





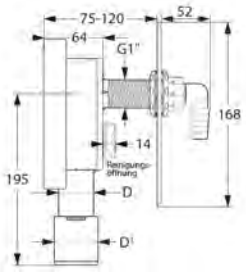
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NEW

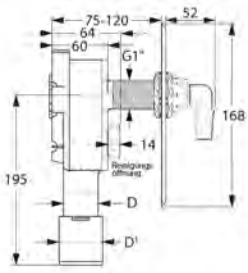
PE flush-mounted device siphon with sound insulation plate

For washing machines or dishwashers.

- ► with cleaning opening, plastic cap incl. gasket
- ► PE-foam-protection (HBCD-free)
- ► highly polished stainless steel cover plate
- ► with angle fitting ¾" and locknut made of plastic, chromed
- ► long screwneck to buck
- ► including three retaining eyes
- ► stable support by straight back wall
- ► individually packed in a polybag
- ► DRAINAGE: 36 l / min.
- ► according to DIN 274 and DIN 19541: 2004-12



Article no.	PU	PU	PU	Colour	d/d1:	Thread:	Equipment:
2028	1	5	280	black	DN 40/50	1"	with sound insulation plate



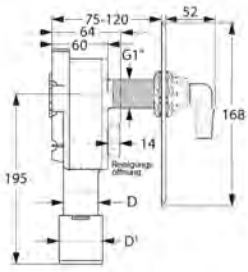
Flush-Mounted-Device-Siphon "OHA 4000"

For washing machines or dishwashers.

- ► with cleaning opening, plastic cap incl. gasket
- ► PE-foam-protection (HBCD-free)
- ► highly polished stainless steel cover plate
- ► with angle fitting ¾" and locknut made of plastic, chromed
- ► long screwneck to buck
- ► including three retaining eyes
- ► stable support by straight back wall
- ► individually packed in a polybag
- ► DRAINAGE: 36 l / min.
- ► according to DIN 274 and DIN 19541: 2004-12



Article no.	PU	PU	PU	Colour	d/d1:	Thread:	Equipment:
2074	5	280		black	DN 40/50	1"	without mounting plate



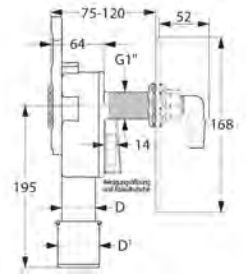
Flush-Mounted-Device-Siphon "OHA 4000"

For washing machines or dishwashers.

- ► with cleaning opening, plastic cap incl. gasket
- ► PE-foam-protection (HBCD-free)
- ► highly polished stainless steel cover plate
- ► with angle fitting ¾" and locknut made of plastic, chromed (#2070 in white)
- ► long screwneck to buck
- ► including three retaining eyes
- ► stable support by straight back wall
- ► individually packed in a polybag
- ► DRAINAGE: 36 l / min.
- ► according to DIN 274 and DIN 19541: 2004-12



Article no.	PU	PU	PU	Colour	d/d1:	Thread:	Equipment:
2070	5			black	DN 40/50	1"	without mounting plate



Flush-Mounted-Device-Siphon "OHA 6000" with a drin slide

consisting of:
- ► siphon with a cleaning opening and water slide
- ► complete with seals, PE-foam-protection (HBCD-free) and all accessories
- ► stainless steel high polish cover plate
- ► chromed angle hose connection ¾" and lock nut, incl. Cover plugs
- ► individually packed in a polybag
- ► DRAINAGE: 36 l / min.
- ► according to DIN 274 and DIN 19541: 2004-12



Article no.	PU	PU	PU	Colour	d/d1:	Thread:
3505	5	280		black	DN 40/50	1"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Flush-Mounted Siphon

Flush Mounted Siphons for Equipment

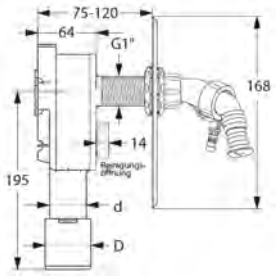
NEW

OHA-PE flush-mounted device siphon with two Winkel angle hose nozzles in ¾" and ⅜"



With two angle hose nozzles, each with a ¾"device connection and a ⅜" condensate connection.

- ► with cleaning opening, plastic blind cap incl. Seal
- ► highly polished stainless steel cover plate
- ► with lock nut and angle hose nozzles made of plastic in white
- ► long drop-off screw socket, incl. Three grommets and stable hold through straight rear wall
- ► PE foam protection (HBCD-free)
- ► individually packed in a polybag
- ► FLOW PERFORMANCE: 36 l / min.
- ► according to DIN 274 and DIN 19541: 2004-12



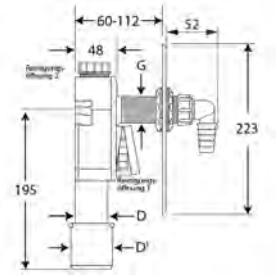
Article no.	PU	PU	PU	Colour	d/d1:	Thread:	Version:
2425	1	5	280	black	DN 40/50	1"	without Mountingplate



OHA-Flush-Mounted-Device-Siphon with two cleaning openings and drain slide

Siphon with two cleaning openings, one opening at the front and one opening at the top with a passage to the fall string and drainage slide. Complete with seals, PE-foam-protection (HBCD-free) and all accessories.

- ► stainless steel high polish cover plate
- ► chromed angle hose connection ¾" and lock nut, incl. cover plugs
- ► DRAINAGE: 36 l / min.
- ► according to DIN 274 and DIN 19541: 2004-12

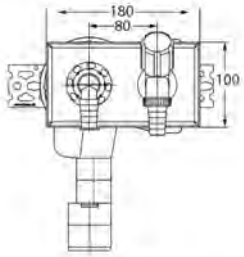


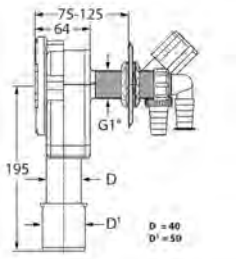
Article no.	PU	PU	PU	Colour	d/d1	Thread:
3506	1	5		black	DN 40/50	1"



Flush-Mounted-Device-Siphon "OHA 4060", DN 40/50, for horizontal mounting

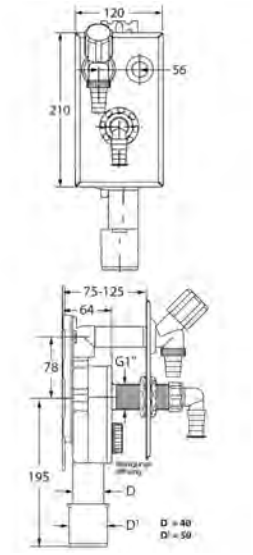
- ► right and left use
- ► integrated armature combination with backflow preventer (with OHA-Flush-Mounted-Valve ½")
- ► PE-foam-protection (HBCD-free)
- ► quick and safe installation, long screwneck to buck
- ► stainless steel high polish cover plate, 180 mm x 100 mm
- ► hose nozzle with angle ¾ "and locknut made of impact-resistant polypropylene, chromed
- ► mounting rail and sound absorbing mounting plate
- ► individually packed in a carton
- ► DRAINAGE: 36 l / min.
- ► according to DIN 274 and DIN 19541: 2004-12





Article no.	PU	PU	PU	Colour	d/d1:	Thread:
4060	1	5	100	black	DN 40/50	1"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

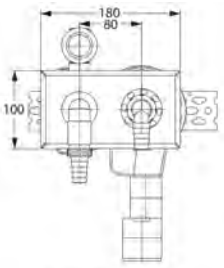


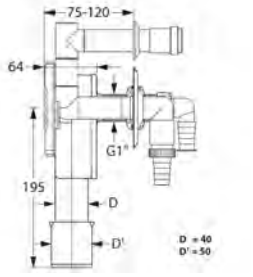
Flush-Mounted-Device-Siphon "OHA 4070", DN 40/50, for vertical mounting



- ► right and left use
- ► integrated armature combination with backflow preventer (with OHA-Flush-Mounted-Valve ½")
- ► PE-foam-protection (HBCD-free)
- ► quick and safe installation, long screwneck to buck
- ► high polish cover plate made of stainless steel, size: 220 mm x 120 mm, incl. 1 blind plug
- ► hose nozzle with angle ¾" and locknut made of impact-resistant polypropylene, chromed
- ► mounting rail and sound absorbing mounting plate
- ► with cleaning opening
- ► individually packed in a carton, incl. install. instructions
- ► DRAINAGE: 36 l / min.
- ► according to DIN 274 and DIN 19541: 2004-12

Article no.	PU	PU	PU	Colour	d/d1:	Thread:
4070	1	5	100	black	DN 40/50	1"





Flush-Mounted-Device-Siphon DN 40/50 with concealed valve



- ► with separate brand valve ½" with built-in backflow preventer
  (Not tested for drinking water abstraction)
- ► high polish cover plate made of stainless steel, size: 180 mm x 100 mm
- ► hose nozzle with angle ¾" and locknut, chromed
- ► mounting rail and sound absorbing mounting plate
- ► long sawing screwdriver
- ► PE-foam-protection (HBCD-free)
- ► individually packed in a carton, incl. install. instructions
- ► DRAINAGE: 36 l / min.
- ► according to DIN 274 and DIN 19541: 2004-12

Article no.	PU	PU	PU	Colour	d/d1	Thread:
4050	1	5		black	DN 40/50	1"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Flush-Mounted Siphon

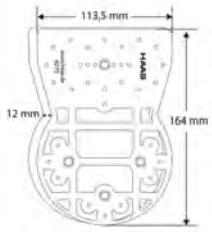
Flush Mounted Siphons for Equipment Accessories



Mounting plate for flush mounted siphon

Mounting plate for flush-mounted siphon for vertical and horizontal mounting of flush-mounted siphons. The mounting plate support the straight and vibration-free installtion.

Article no.	PU	PU	PU	Colour	Width:	Height:	Depth:
6275	5	50		black	113,5 mm	164 mm	12 mm





Mounting set for flush-mounted siphon

Mounting set for our flush-mounted siphons, consisting of two screws and two washers.

► max. tightening torque 1 Nm for the fixing screws

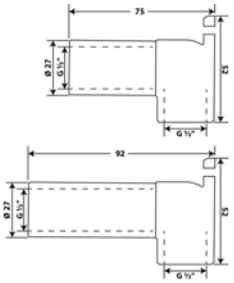
Article no.	PU	PU	PU	Colour	
2151	10	80		silver	



Wall connection angle

Wall connection angle made of brass available in two versions.

Article no.	PU	PU	PU	Colour	Length:
2034	1	10		brass	92 mm
2160	1			brass	75 mm





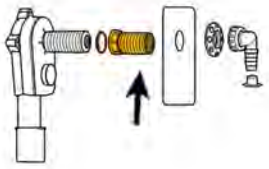
Thread extension for PE flush-mounted siphon, 96 mm

Made of impact resistant polypropylene, sealing on the inside diameter, extends the thread spigot up to 80 mm.

► with coupling nut and seal

► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Size:	Length:
2078	10	30		black	OT-/IT-Thread 1"	96 mm

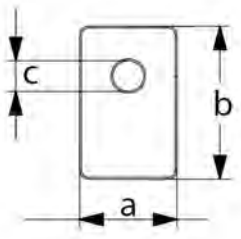




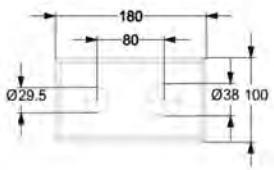
Stainless-Steel-Cover-Plate

► surface polished
► covered with protective film

Article no.	PU	PU	PU	Colour	Size:	Compatible for:
2075	1			stainless steel	108 x 168 mm	OHA 4000 and OHA 6000
2190	1	5		stainless steel	108 x 168 mm / plug-on 48 mm Ø	OHA 3500
3701	1	5		stainless steel	105 x 167 mm / plug-on 50 mm Ø	OHA 3700



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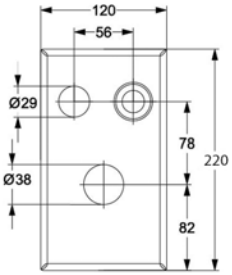


Stainless-Steel-Cover-Plate with plastic ring for OHA 4050/4060

► surface polished
► covered with protective film

Article no.	PU	PU	PU	Colour	Size:	Compatible for:
2009	1	5		stainless steel	100 x 180 mm	OHA 4050 and OHA 4060



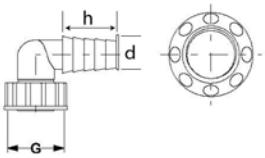


Stainless-Steel-Cover-Plate for OHA 4070, for vertical mounting

► surface polished
► covered with protective film
► reversible
► incl. Blind plugs

Article no.	PU	PU	PU	Colour	Size:	Compatible for:
2027	1			stainless steel	120 x 220 mm	OHA 4070





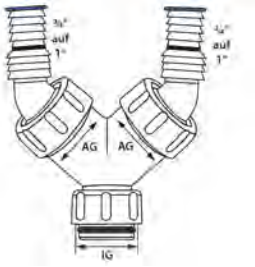
Terminal bracket ¾ " with chromed locknut for Flush-Mounted-Siphon

Retrofit kit consisting of:

► locknut (chromed)
► hose spout (chromed)
► including seal and plug

Article no.	PU	PU	PU	Colour	Thread:	d:	Insertion height in mm:
2076	1	50		chrome	1"	19 mm	34 mm
2073	50			white	1"	19 mm (NEW)	34 mm





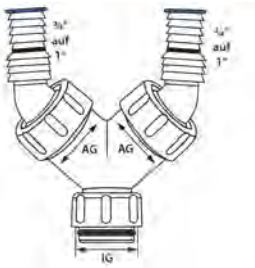
Double hose nozzle for PE flush-mounted device siphon with backflow preventer

Made of impact-resistant polypropylene, chromed. With a new revolutionary backflow system, opens only when water is running out, leak-proof to 1 bar.

► for connections ¾" & 1"
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Thread:	D:	d:	Insertion height in mm:	Equipment:
4063	1	10	50	chrome	1"	19 mm	24 mm	37 mm	with backflow preventer





NEW

Double hose nozzle for PE flush-mounted device siphon with & without backflow preventer

Made of impact-resistant polypropylene, chromed. With a new revolutionary backflow system, opens only when water is running out, leak-proof to 1 bar.

► for connections ¾" & 1"
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	Thread:	D:	d:	Insertion height in mm:	Equipment:
4059	1	5		white	1"	19 mm	24 mm	37 mm	with backflow preventer
4058	1			white	1"	19 mm	24 mm	37 mm	without backflow preventer



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

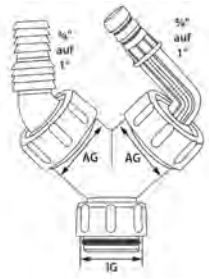
NEW



Condensate & appliance connection spout ¾" to 1" and ⅜" for concealed appliance siphon

Made of impact resistant polypropylene. With new revolutionary backflow system (backflow preventer), opens only when water drains, tight up to 1 bar.

► for connections ¾" to 1" and ⅜"
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	Thread:	Device connection:	Condensate connection:
4071	1	5		white	1"	¾" to 1"	⅜"

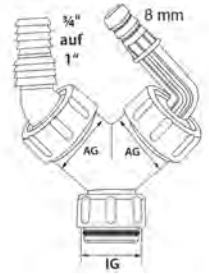
NEW



Condensate and appliance connection spout "Save" ¾" to 1" and 8 mm for concealed appliance siphon

With new revolutionary backwater system (backflow preventer), opens only when water drains off, tight up to 1 bar.

► for connections ¾" to 1" and 8 mm
► with backflow preventer
► according to DIN EN 274



Article no.	PU	PU	PU	Colour	Thread:	Device connection:	Condensate connection:
4072	5	50		white	1"	¾" to 1"	8 mm

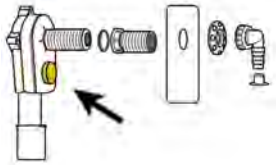


Blind cap 1" for PE flush-mounted siphon

Retrofit kit consisting of:

► blind cap
► sealing

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	
2119	5	25		natural	



Blind plug for "OHA 4070"

► suitable for our flush-mount siphones
► made of high quality polypropylene, chromed

Article no.	PU	PU	PU	Colour	
2362	5	25		chrome	



Spare parts set for OHA 6000

The Set contains three O-Rings in EPDM.

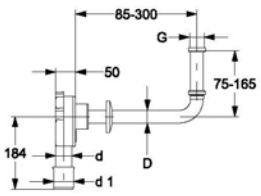
► compatible for Urinal suction siphon height adjustable Art. 6000
► 31 x 2 mm

Material (seal): EPDM, resistant to aging and weathering according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	
9639	5			black	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Einbautiefe mind. 70 mm



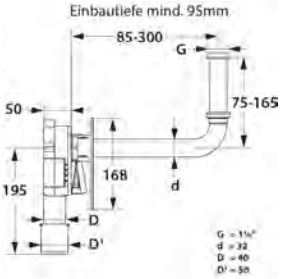
Saving-Space-Wall recessing siphon "OHA 3000"

All brass parts chromed, complete with seals and all accessories.
► with cover plate Ø 90 mm
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d/d1:	D:	Thread:
3000	1	5		black	DN 40/50	DN 32	1¼"



Einbautiefe mind. 95mm



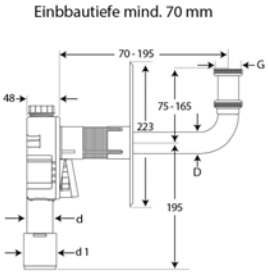
Saving-Space-Saving-Space-Wall recessing siphon "OHA 3500" with cleaning opening and a drin slide

With the new drain slide, a considerable time expenditure is avoided by removing the drainage arc. The draining of the waste water from the basin is not necessary because it can be discharged into the container via the drain slide without being able to get behind the front wall. The formation of mold can thus be prevented. All visible objects are brass chromed.
► incl. high polish stainless steel cover plate
► complete with seals, PE-foam-protection (HBCD-free) and all accessories
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d/d1:	D:	Thread:
3500	1	5		black	DN 40/50	DN 32	1¼"



Einbautiefe mind. 70 mm



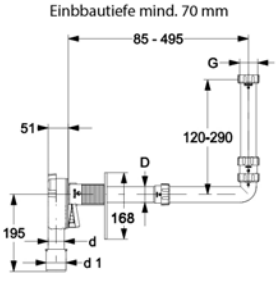
Saving-Space-Wall-Mounted-Siphon "OHA 4301" with two cleaning openings and drain slide

Siphon with two cleaning openings, one opening at the front and one opening at the top with a passage to the fall string. The draining of the waste water from the basin is not necessary because it can be discharged into the container via the drain slide without being able to get behind the front wall. The formation of mold can thus be prevented. All visible objects are brass chromed.
► incl. high polish stainless steel cover plate
► complete with seals and all accessories
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d/d1:	D:	Thread:
4301	1			black	DN 40/50	DN 32	1¼"



Einbautiefe mind. 70 mm

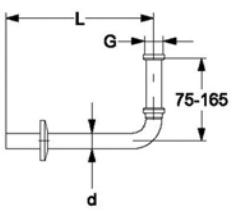


Saving-Space-Wall-Mounted-Siphon "OHA 3700" with a cleaning openings and drain slide

With the new drain slide, a considerable time expenditure is avoided by removing the drainage arc. The draining of the waste water from the basin is not necessary because it can be discharged into the container via the drain slide without being able to get behind the front wall. The formation of mold can thus be prevented. All visible parts made of impact-resistant polypropylene, white.
► incl. high polish stainless steel cover plate
► complete with seals, PE-foam-protection (HBCD-free) and all accessories
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d/d1:	D:	Gewinde:
3700	1	5		white	DN 40/50	DN 40	1½"





Drain arc 90° brass chromed, DN 32, with cover plate

The dip tube can be shortened to suit the installation situation, brass chromed.
► with cover plate Ø 90 mm and complete with seals
► individually packed in a polybag
► according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	Thread:	L:
2700	1	10		chrome	DN 32	1¼"	300 mm
2701	1	10		chrome	DN 32	1¼"	250 mm



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Chapter 07

Sealings and Rubber-Nipple for Siphons





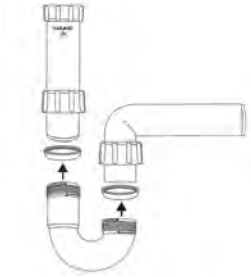
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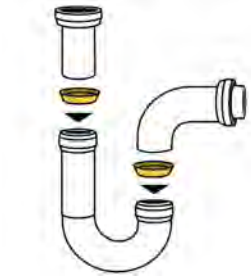


Wedge seals in 1" and 1¼"

► compatible for siphon dip tubes (odor locks).
► made of plastic

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
6115	10			transp.	25 mm	29 mm	7 mm
6113	50	250		transp.	32 mm	37 mm	8 mm





Wedge seals 1¼"

► compatible for siphon dip tubes
► made of special plastic material

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:	compatible for:
6116	50	250		black	32 mm	38 mm	7 mm	GROHE®
6117	50	250		grey	32 mm	37 mm	8 mm	SCHEFFER ®





Seals for siphons

► for bottle traps

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:	compatible for:
7302	50	250		black	44 mm	55 mm	3 mm	52er Cover
7305	50	250		black	55 mm	66 mm	3 mm	62er Cover





Rubber dip tube connection seal 1¼"

For siphon fittings, in rubber special quality.

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:	compatible for:
8615	50	250		black	30 mm	38 mm	2 mm	
8144	50	250		black	33 mm	39 mm	2 mm	VIEGENER ®-Siphon
7333	100	500		black	30 mm	37 mm	4 mm	





OHA-Press Dip tube connection seal 1¼"

► for siphon fittings
► in OHA-Press quality, 1.8 mm thick

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:	Compatible for:
8842	100	1000		yellow	30 mm	39 mm	1,8 mm	Washbasin-Siphons





Rubber-centering cone-dip tube connection seal 1¼"

For sealing between discharge valve and brass dip tube DN 32. By the the high elstomer quality we used in a correspondin geometry, the seal will be centred in the given planning itself.

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
6108	10	100		black	27 mm	40 mm	6 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Sealings and Rubber Nipples for Siphone

Sealings and Rubber-Nipple for Siphons

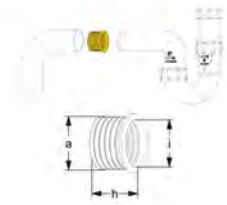


Rubber nipple for spigot siphon at spigot HT-pipe

Rubber nippel for siphon tubes for connection to HT pipes without sleeve, in very elastic rubber special quality.

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Spigot:	Spigot:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3135	25	500		black	DN 50	DN 32	27 mm	47 mm	25 mm
3074	10	50		white	DN 40	DN 32	32 mm	36 mm	27 mm
3079	10	50		white	DN 50	DN 40	40 mm	46 mm	26 mm



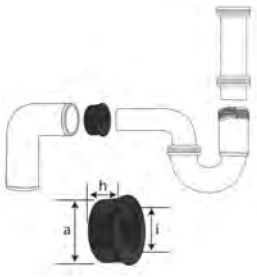


Siphon rubber sleeve for HT joints with and without gasket and SML elbow

For connecting metal or plastic pipes (e.g. siphon pipes). The outside diameter is decisive for pipe collars, in very elastic rubber special quality.

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	HT-Pipe collar:	Spigot:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3131	25	100		black	DN 50	DN 32	27 mm	54 mm	34 mm
3132	25	100		black	DN 50	DN 40	35 mm	54 mm	35 mm
3133	25	100		black	DN 63	DN 50	42 mm	68 mm	34 mm



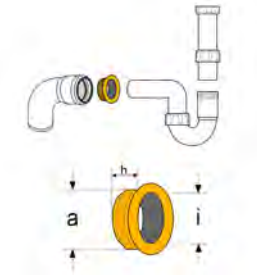


Rubber nipple for HTS-pipes (HT-Siphons)

For connection of metal and plastic pipes (e.g. Siphon DN 32, 40). Fits for socketless siphon pipes and HTS pipes.

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	for Siphon-pipes Ø:	for Drain pipes Inner, Spigot Ø:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3202	10	50		black	DN 40	DN 63	40 mm	58 mm	20 mm
3203	25	100		black	DN 40	DN 50	40 mm	47 mm	19 mm
3204	25	100		black	DN 32	DN 50	32 mm	47 mm	22 mm
3205	10	50		black	DN 50	DN 63	50 mm	59 mm	18 mm





Rubber nipple for HTSW (HT-Siphon angle)

For connecting metal or plastic pipes (e.g. siphon pipes), suitable for HTSW and HT siphon angles. The outer diameter is decisive for sleeves.

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Compatible for HTSW:	Connecting options:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3091	10			black	DN 50	DN 50	50 mm	54 mm	28 mm
3092	10			black	DN 50	DN 32	24 mm	68,5 mm	37 mm
3093	10			black	DN 50	DN 40	32 mm	68,5 mm	37 mm

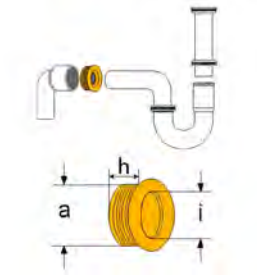


Rubber nipple for HTSW (HT-Siphon angle)

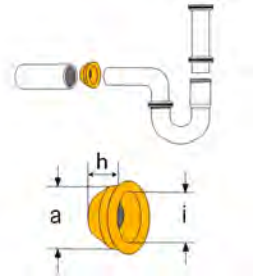
For connecting metal or plastic pipes (e.g. siphon pipes), suitable for HTSW and HT siphon angles. The outer diameter is decisive for sleeves.

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Compatible for HTSW:	Connecting options:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3147	25	100		black	DN 50	DN 40	31 mm	54 mm	24 mm
3148	25	100		black	DN 50	DN 32	27 mm	52 mm	22 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



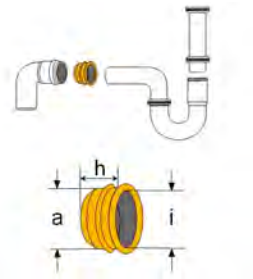
Rubber nipple for Metal-Pipes

For connecting metal or plastic pipes (e.g. siphon pipes). Fits for socketless siphon pipes and HTS pipes.

Material: EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	for Siphon-pipes Ø:	for Drain pipes Inner, Spigot Ø:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3181	25			black	DN 32	DN 50	32 mm	46 mm	20 mm
3182	25			black	DN 40	DN 50	40 mm	46 mm	19 mm



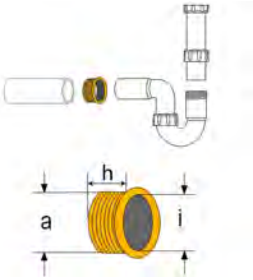
Rubber nipple

Fits for HT-socket. Assembly: Removing the lip ring!

Material: EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Compatible for HT-pipe collar:	Connecting options:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3197	25	500		black	DN 40	DN 32	27 mm	44 mm	25 mm
3198	25	300		black	DN 50	DN 32	27 mm	53 mm	25 mm
3199	25	350		black	DN 50	DN 40	35 mm	53 mm	25 mm



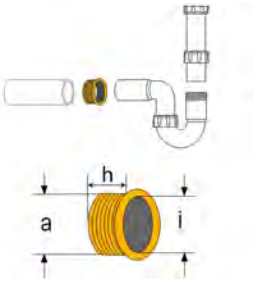
Rubber nipple for PE-HD-Pipes

For connecting metal and plastic pipes (e.g. siphon pipes). Suitable for PE-pipes (e.g. Geberit® PE sewage system).

Material: EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	for Drain pipe Ø:	for Siphon-pipe Ø:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3144	25	350		black	DN 50	DN 32	27 mm	46 mm	29 mm
3245	25	300		black	DN 50	DN 40	37 mm	45 mm	30 mm
3246	25	300		black	DN 63	DN 50	45 mm	57 mm	30 mm
3241	25	300		black	DN 56	DN 40	35 mm	52 mm	30 mm
3243	20	240		black	DN 63	DN 32	27 mm	59 mm	31 mm
3244	25	300		black	DN 63	DN 40	35 mm	58 mm	30 mm



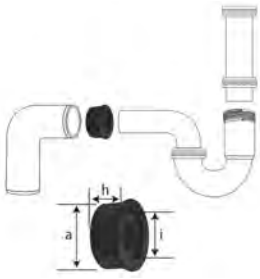
Rubber nipple for PE-HD-Pipes

For connection of metal and plastic pipes (e.g. Siphon DN 32). Suitable for PE pipes, e.g. Geberit® "PE drain connection system".

Material: EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	for Siphon-pipe Ø:	for Drain pipe Inner Ø:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3242	25	300		black	DN 32	DN 50	27 mm	45 mm	29 mm



Rubber cuff für SML-Angle

Fits most SML connection arcs, especially for direct connection to siphons.

Material: EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	SML:	Siphon:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3145	25	500		black	DN 40	DN 32	26 mm	41 mm	22 mm
3146	25	350		black	DN 50	DN 32	27 mm	50 mm	23 mm
3166	25	350		black	DN 50	DN 40	36 mm	50 mm	22 mm
3164	25	250		black	DN 60	DN 32	25 mm	60 mm	22 mm
3165	25	250		black	DN 60	DN 40	33 mm	60 mm	22 mm
3167	25	250		black	DN 60	DN 50	41 mm	60 mm	22 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

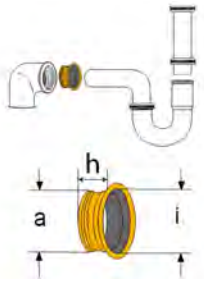
Sealings and Rubber Nipples for Siphone

Sealings and Rubber-Nipple for Siphons



Rubber threaded nipple

For connecting metal or plastic pipes (e.g. siphon pipes). Matching for thread pipes respectively bows with an inner thread of inch, in a very flexible, soft rubber special quality.

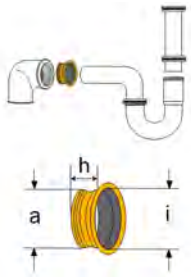


Article no.	PU	PU	PU	Colour	Siphon-pipe:	Compatible for Thread:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3112	25			black	DN 32	1¼"	30 mm	41 mm	19 mm
3113	25	500		black	DN 32	1½"	30 mm	47 mm	20 mm
3114	25			black	DN 40	1½"	35 mm	46 mm	20 mm
3116	10	100		black	DN 32	2"	31 mm	59 mm	20 mm
3117	25			black	DN 40	2"	38 mm	57 mm	20 mm
3118	25			black	DN 50	2"	48 mm	58 mm	20 mm



Threaded Nipple

For connecting metal or plastic pipes (e.g. siphon pipes). Matching for thread pipes respectively bows with an inner thread of inch, in a very flexible, soft plastic special quality.



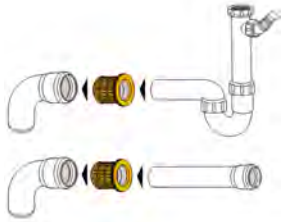
Article no.	PU	PU	PU	Colour	Connecting-options:	Compatible for Thread:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
6179	25			black	DN 32	1¼"	31 mm	41 mm	18 mm
6180	25			black	DN 32	1½"	31 mm	47 mm	20 mm
6182	25			black	DN 40	1½"	40 mm	47 mm	21 mm
6183	10	80		black	DN 40	2"	39 mm	58 mm	20 mm
6184	25	500		black	DN 50	2"	47 mm	58 mm	20 mm



Rubber reducing Nipple DN 50/40

Reducing nipple from DN 50 to DN 40 for HT pipes with pipe collar.

Material: EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Inner-Ø:	Outer-Ø:	Height in mm:
3178	10			white	DN 40	DN 50	60 mm
3212	10			black	DN 40	DN 50	60 mm



HT-Rubber-Nipple-Assortments "transparent"

Suitable for socketless HT-Pipes, HT-Pipes with pipe collar and siphon angle. 25 pieces in the lockable bucket.

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Total content:
3441	1	10		transp.	25 pcs.

The content is composed of:

Item no.	Piece:	Description:	Size:
3182	2	Rubber-W-Nipple	1 1/2"
3135	5	HT-Rubber-Nipple	1 1/4" klein
3131	4	HT-Rubber-Nipple	1 1/4" groß
3132	4	HT-Rubber-Nipple	1 1/2"
3147	5	Duo-HT-Rubber-Nipple	1 1/4"
3148	5	Twin-Rubber-Nipple	1 1/4"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

HT-Rubber-Nipple-Assortments "red"



Suitable for HT-Pipes with pipe collar and siphon angle. 30 pieces in the lockable bucket.

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Total content:
3442	1	10		red	30 pcs.

The content is composed of:

Item no.	Piece:	Description:	Size:
3145	5	Rubber-Cuffs	1 1/4"
3146	10	Rubber-Cuffs	1 1/4"
3166	5	Rubber-Cuffs	1 1/2"
3147	5	Duo-HT-Rubber-Nipple	1 1/4"
3148	5	Twin-Rubber-Nipple	1 1/4"

HT-Rubber-Nipple-Assortments "yellow"



Suitable for large and small siphon angles. 30 pieces in the lockable bucket.

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Total content:
3443	1	10		yellow	30 pcs.

The content is composed of:

Item no.	Piece:	Description:	Size:
3164	10	Rubber-Cuffs	1 1/4"
3165	5	Rubber-Cuffs	1 1/2"
3167	5	Rubber-Cuffs	2"
3147	5	Duo-HT-Rubber-Nipple	1 1/4"
3148	5	Twin-Rubber-Nipple	1 1/4"

Rubber-Nipple-Assortments "white"



Suitable for siphon angle and HT-Sockets. 30 pieces in the lockable bucket.

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Total content:
3444	1	10		white	30 pcs.

The content is composed of:

Item no.	Piece:	Description:	Size:
3197	5	Rubber-Siphon-Nipple	1 1/4"
3198	10	Rubber-Siphon-Nipple	1 1/4"
3199	5	Rubber-Siphon-Nipple	1 1/2"
3147	5	Duo-HT-Rubber-Nipple	1 1/4"
3148	5	Twin-Rubber-Nipple	1 1/4"

Rubber-Nipple-Assortments "green"



Suitable for Geberit® "PE-Drain-System". 27 pieces in the lockable bucket.

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Total content:
3446	1	10		green	27 pcs.

The content is composed of:

Item no.	Piece:	Description:	Size:
3144	6	Rubber-Nipple	DN 32
3245	5	Rubber-Nipple for Siphon pipes	DN 40
3242	5	Rubber-Nipple for Siphon pipes	DN 32
3241	4	Rubber-Nipple for Siphon pipes	DN 40
3203	4	Rubber-Nipple for WT-Siphon pipes	DN 40
3204	3	Rubber-Nipple for WT-Siphon pipes	DN 32

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Threaded-Nipple-Assortments "blue"

Suitable for iron pipes with thread. 25 pieces in the lockable bucket.

Article no.	PU	PU	PU	Colour	Total content:
3445	1	10		blue	25 pcs.

The content is composed of:

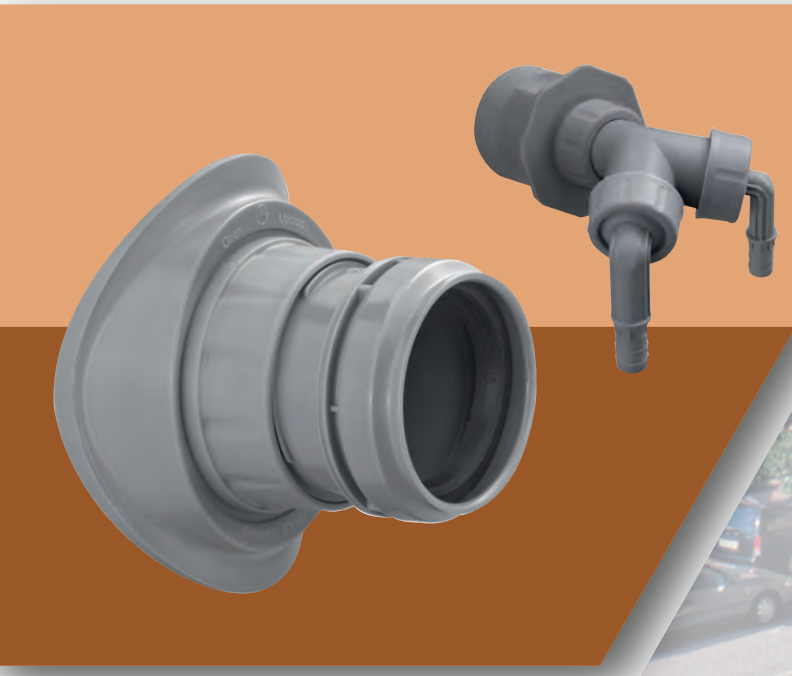
Item no.	Piece:	Description:	Size:
6179	6	Threaded Nipple	1 1/4" x 32 mm
6180	6	Threaded Nipple	1 1/2" x 32 mm
6182	5	Threaded Nipple	1 1/2" x 40 mm
6183	4	Threaded Nipple	2" x 40 mm
6184	4	Threaded Nipple	2" x 48 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

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Chapter 08
Pipe-Connector and Sealing elements





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OHA-Rubber-Coupling according to DIN EN 681

External adapter for connection of two sewage pipes of different outer diameters. For the reduction of different pipe dimensions suitable for horizontal or vertical installation, suitable for flush mounting. Tightening torque 6 Nm. Compressive Density: 0.6 bar.

► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.

Material: EPDM, resistant to aging and weathering, to DIN EN 681-1, with hose clamps W1, tape and housing made of galvanized steel 1.4016 (X6Cr17) to DIN 3017-1, SW 7, hexagon socket W1

Note: For connection options see our website or appstore.



Article no.	PU	PU	PU	Colour	Clamping range (A):	Clamping range (B):	Compressive density (bar):
5950	1	3		black	100-115 mm	75-90 mm	0,6
5951	1	3		black	110-122 mm	80-95 mm	0,6
5952	1	3		black	120-135 mm	110-115 mm	0,6



OHA-Rubber-Connector according to DIN EN 681

External rubber connector for the connection of two sewage pipes with the same pipe dimensions. As well as the combination of different ear materials. Suitable for horizontal or vertical installation, flush mounting. Pressure: 0.5 bar.

► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.

Material: EPDM, resistant to aging and weathering, to DIN EN 681-1, with hose clamps W2, tape and housing made of stainless steel 1.4016 (X6Cr17) to DIN 3017-1, SW 7, hexagon socket W1

Note: For connection options see our website or appstore.



Article no.	PU	PU	PU	Colour	Clamping range (A):
5940	1	3		black	84 - 90 mm
5942	1	3		black	100 - 116 mm
5944	1	3		black	120 - 135 mm
5939	1	3		black	75 - 84 mm
5938	1	3		black	50 - 58 mm
5937	1	3		black	40 - 50 mm



OHA-Rubber-Adapter 123-130 / 102, according to DIN EN 681

Internal adapter for the connection and reduction of sewage pipes with different outer and inner pipe diameters. Pressure: 0.5 bar.

► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.

Material: EPDM, resistant to aging and weathering, to DIN EN 681-1,

Note: For connection options see our website or appstore.



Article no.	PU	PU	PU	Colour	Clamping range (A):	Clamping range (B):
5921	1	3		black	123 - 130 mm	102 - 110 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Rubber-Adapter 178 / 160, according to DIN EN 681

Internal adapter for the connection and reduction of sewage pipes with different outer and inner pipe diameters. Pressure: 0.5 bar.

► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.

Material: EPDM, resistant to aging and weathering, to DIN EN 681-1

Note: For connection options see our website or appstore.

Article no.	PU	PU	PU	Colour	Clamping range (A):	Clamping range (B):
5920	1	3		black	178 mm	160 mm





OHA-Universal-Rubber-Nipple DN 40/50, DN 32 according to DIN EN 681

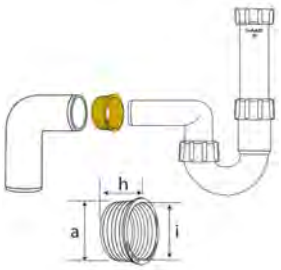
Internal adapter for the connection and reduction of sewage pipes with different outer and inner pipe diameters. Pressure: 0.5 bar.

► DN 32 i-Ø: 27 mm, o-Ø: 47 mm, h: 25 mm
► DN 40/50 i-Ø: 40 mm, o-Ø: 46 mm, h: 26 mm

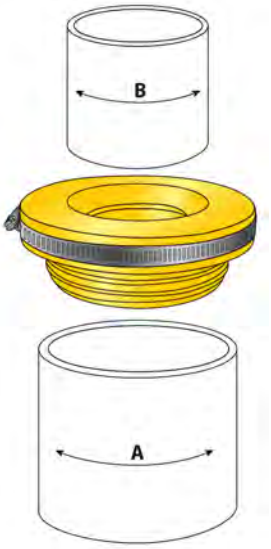
Material: EPDM, resistant to aging and weathering, to DIN EN 681-1

Note: For connection options see our website or appstore.

Article no.	PU	PU	PU	Colour	
5923	5	15		black	



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Universal-Pipe-Connector DN 70-90

Internal adapter for the connection and reduction of sewage pipes with different outer and inner pipe diameters. For the reduction of different pipe dimensions suitable for horizontal or vertical installation. The edges of the pipe must be straight and free of burrs!

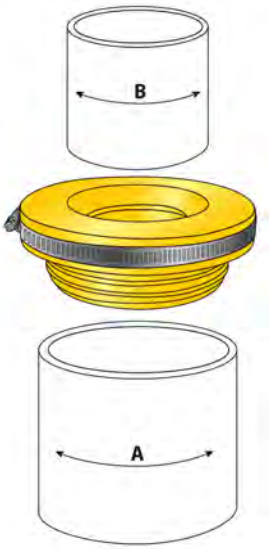
- ► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.
- ► Pressure: 0.5 bar
- ► UV-resistant material
- ► CE-compliant

Material: EPDM, resistant to aging and weathering, to DIN EN 681-1, with hose clamps W2, tape and housing made of stainless steel 1.4016 (X6Cr17) to DIN 3017-1, SW 7, hexagon socket W1

Note: For connection options see our website or appstore.



Article no.	PU	PU	PU	Colour	Clamping range (A):	Clamping range (B):
5925	1	3		black	DN 75-80	DN 40-56



OHA-Universal-Pipe-Connector DN 100 / DN 110, DN 125 and DN 150

Internal adapter for the connection and reduction of sewage pipes with different outer and inner pipe diameters. For the reduction of different pipe dimensions suitable for horizontal or vertical installation. The edges of the pipe must be straight and free of burrs!

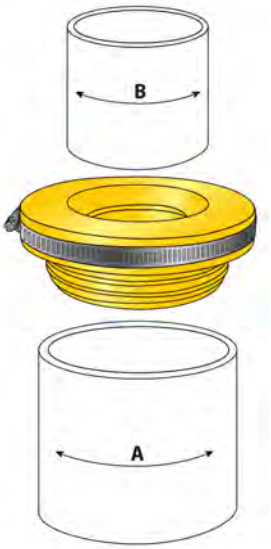
- ► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.
- ► Pressure: 0.5 bar
- ► UV-resistant material
- ► CE-compliant

Material: EPDM, resistant to aging and weathering, to DIN EN 681-1, with hose clamps W2, tape and housing made of stainless steel 1.4016 (X6Cr17) to DIN 3017-1, SW 7, hexagon socket W1

Note: For connection options see our website or appstore.



Article no.	PU	PU	PU	Colour	Clamping range (A):	Clamping range (B):
5961	1	3		black	DN 100 / DN 110	DN 50-63
5963	1	3		black	DN 125	DN 50-63
5966	1	3		black	DN 150	DN 50-63



OHA-Universal-Pipe-Connector DN 100, DN 125 and DN 150

Internal adapter for the connection and reduction of sewage pipes with different outer and inner pipe diameters. For the reduction of different pipe dimensions suitable for horizontal or vertical installation. The edges of the pipe must be straight and free of burrs!

- ► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.
- ► Pressure: 0.5 bar
- ► UV-resistant material
- ► CE-compliant

Material: EPDM, resistant to aging and weathering, to DIN EN 681-1, with hose clamps W2, tape and housing made of stainless steel 1.4016 (X6Cr17) to DIN 3017-1, SW 7, hexagon socket W1

Note: For connection options see our website or appstore.



Article no.	PU	PU	PU	Colour	Clamping range (A):	Clamping range (B):
5962	1	3		black	DN 100	DN 70-80
5964	1	3		black	DN 125	DN 70-80
5967	1	3		black	DN 150	DN 70-80

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Universal-Pipe-Connector DN 125 and DN 150

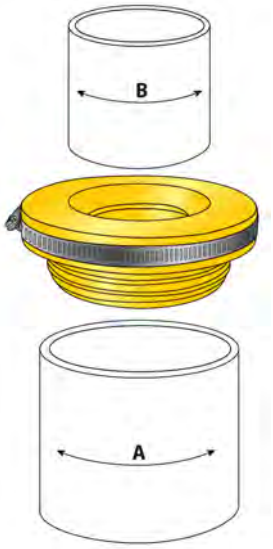
Internal adapter for the connection and reduction of sewage pipes with different outer and inner pipe diameters. For the reduction of different pipe dimensions suitable for horizontal or vertical installation. The edges of the pipe must be straight and free of burrs!

- ► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.
- ► Pressure: 0.5 bar
- ► UV-resistant material
- ► CE-compliant

Material: EPDM, resistant to aging and weathering, to DIN EN 681-1, with hose clamps W2, tape and housing made of stainless steel 1.4016 (X6Cr17) to DIN 3017-1, SW 7, hexagon socket W1

Note: For connection options see our website or appstore.

Article no.	PU	PU	PU	Colour	Clamping range (A):	Clamping range (B):
5968	1	3		black	DN 150	DN 100-110
5965	1	3		black	DN 125	DN 90





OHA-Universal-Pipe-Connector DN 150

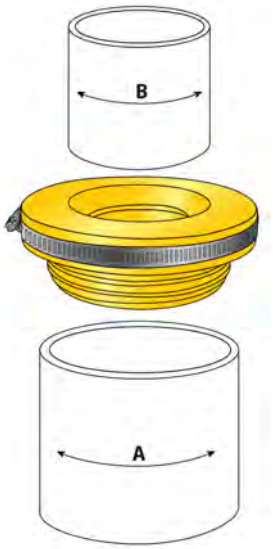
Internal adapter for the connection and reduction of sewage pipes with different outer and inner pipe diameters. For the reduction of different pipe dimensions suitable for horizontal or vertical installation. The edges of the pipe must be straight and free of burrs!

- ► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.
- ► Pressure: 0.5 bar
- ► UV-resistant material
- ► CE-compliant

Material: EPDM, resistant to aging and weathering, to DIN EN 681-1, with hose clamps W2, tape and housing made of stainless steel 1.4016 (X6Cr17) to DIN 3017-1, SW 7, hexagon socket W1

Note: For connection options see our website or appstore.

Article no.	PU	PU	PU	Colour	Clamping range (A):	Clamping range (B):
5969	1	3		black	DN 150	DN 125





OHA-Universal-Pipe-Connector DN 100 / 50-63 and DN 100 / 70-80

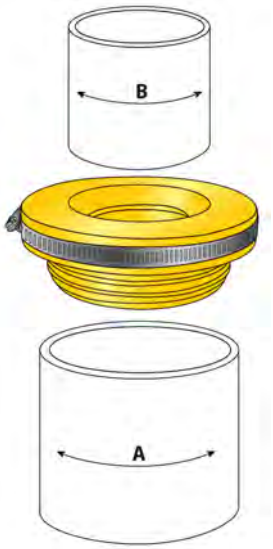
Internal adapter for the connection and reduction of sewage pipes with different outer and inner pipe diameters. For the reduction of different pipe dimensions suitable for horizontal or vertical installation. The edges of the pipe must be straight and free of burrs!

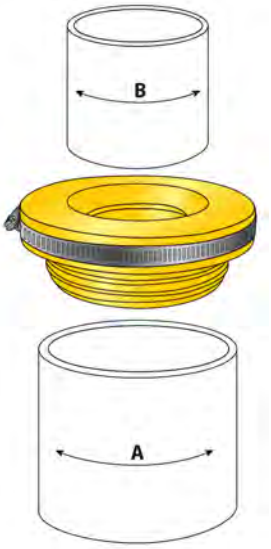
- ► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.
- ► Pressure: 0.5 bar
- ► UV-resistant material
- ► CE-compliant

Material: EPDM, resistant to aging and weathering, to DIN EN 681-1, with hose clamps W2, tape and housing made of stainless steel 1.4016 (X6Cr17) to DIN 3017-1, SW 7, hexagon socket W1

Note: For connection options see our website or appstore.

Article no.	PU	PU	PU	Colour		
5975	1	3		black		





OHA-Universal-Pipe-Connector assortment, small



Internal adapter for the connection and reduction of sewage pipes with different outer and inner pipe diameters. For the reduction of different pipe dimensions suitable for horizontal or vertical installation. The edges of the pipe must be straight and free of burrs!

- ► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.
- ► Pressure: 0.5 bar
- ► UV-resistant material
- ► CE-compliant

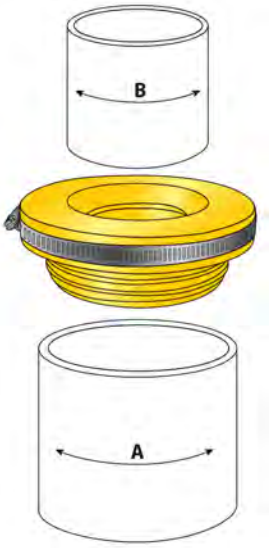
Material: EPDM, resistant to aging and weathering, to DIN EN 681-1, with hose clamps W2, tape and housing made of stainless steel 1.4016 (X6Cr17) to DIN 3017-1, SW 7, hexagon socket W1

Note: For connection options see our website or appstore.

Article no.	PU	PU	PU	Colour	
5970	1	3		black	

Content:

	piece:	Clamping range (A:)	Clamping range (B:)
3135	1	DN 50	DN 32
3079	1	DN 50	DN 40
5925	1	DN 75	DN 40-50
5961	1	DN 100	DN 50
5962	1	DN 100	DN 75
5963	1	DN 125	DN 50
5964	1	DN 125	DN 75
5965	1	DN 125	DN 90



OHA-Universal-Pipe-Connector assortment, big



Innenliegender Adapter zur Verbindung und Reduzierung von Abwasserrohren mit unterschiedlichen Außen- bzw. Innenrohrdurchmessern. Zur Reduzierung von unterschiedlichen Rohrdimensionen für waagerechten bzw. senkrechten Einbau geeignet. Die Kanten des Rohres müssen gerade und gratfrei sein!

- ► compatible for fiber cement pipe/Eternitpipe®, Geberit® PE, Geberit® Silent-db 20, Geberit® Silent-PP, Gusseisenpipe GGG (duktil), HT-pipe, KG-pipe, LNA Gusseisenpipe, LORO-X®, POLO-KAL® NG, Skolan® db, SML/MLB, Steinzeugpipe (Harsch®) und Wavin AS®.
- ► Pressure: 0.5 bar
- ► UV-resistant material
- ► CE-compliant

Material: EPDM, resistant to aging and weathering, to DIN EN 681-1, with hose clamps W2, tape and housing made of stainless steel 1.4016 (X6Cr17) to DIN 3017-1, SW 7, hexagon socket W1

Note: For connection options see our website or appstore.

Article no.	PU	PU	PU	Colour	
5971	1	3		black	

Content:

	piece:	Clamping range (A:)	Clamping range (B:)
3135	1	DN 50	DN 32
3079	1	DN 50	DN 40
5925	1	DN 75	DN 40-50
5961	1	DN 100	DN 50
5962	1	DN 100	DN 75
5963	1	DN 125	DN 50-56
5964	1	DN 125	DN 75
5965	1	DN 125	DN 100
5968	1	DN 150	DN 100
5969	1	DN 150	DN 125



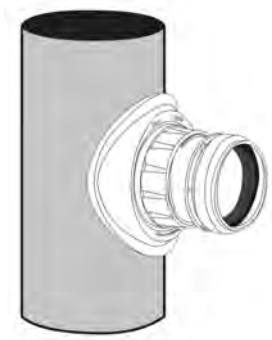
OHA-EASY-FIX, "Isabel"

The ideal connections for the subsequent connection of an additional DN 40 or DN 50 sewage pipeline to HT, PE, PP, SML or cast iron drain pipes DN 110 up to a wall thickness of 1.8 to 5 mm.

Easy to install in 3 steps:
► drill the hole (57 mm Ø), e.g. With our HSS bimetallic hole driller item no. 7736
► insert the Easy-Fix
► tighten the nut, the complete connection to the drain pipe is complete

No sticking, no chiming or separating the drainpipes necessary!

Note: Accessories - suitable hole drills can be found in chapter 15.10.
On our homepage "www.haas.de" you will find a video about the application / assembly.



Article no.	PU	PU	PU	Colour	Pipes:	Connection dimensions:
5001	1	10	560	grey	DN 110	DN 40
5002	10	560		grey	DN 110	DN 50



OHA-Easy-Fix, "Isabel" with new design

The ideal connections for the subsequent connection of an additional DN 40 or DN 50 sewage pipeline to HT, PE, PP, SML or cast iron drain pipes DN 90 and 125 up to a wall thickness of 1.8 to 5 mm.

Easy to install in 3 steps:
► drill the hole (57 mm Ø), e.g. With our HSS bimetallic hole driller item no. 7736
► insert the Easy-Fix
► tighten the nut, the complete connection to the drain pipe is complete

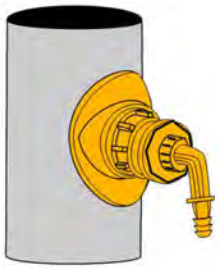
No sticking, no chiming or separating the drainpipes necessary!

Note: Accessories - suitable hole drills can be found in chapter 15.10.
On our homepage "www.haas.de" you will find a video about the application / assembly.



Article no.	PU	PU	PU	Colour	Pipes:	Connection dimensions:
5003	1	10	560	grey	DN 90	DN 40
5004	1	10	560	grey	DN 90	DN 50
5007	1	10	560	grey	DN 125	DN 40
5008	1	10	560	grey	DN 125	DN 50

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

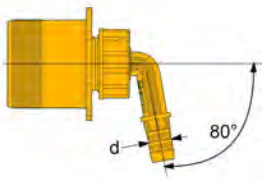


OHA-SAVE-Condensate connection "Anett" with OHA-EASY-FIX

the perfect advancement:
► with condensate connection nozzle ⅜" (10 mm) and ½" (12 mm)
► with odor seal and anti-back-up system
► with adapter and coupling nut

Article no.	PU	PU	PU	Colour	
5017	1	10	560	grey	Compatible for Pipes DN 110





OHA-SAVE-Condensate connection "Jenny"

the perfect advancement:
► with condensate connection nozzle ⅜" (10 mm), ½" (12 mm) and ¾" (19mm)
► with odor seal and anti-back-up system

Article no.	PU	PU	PU	Colour	Compatible for:
5014	1			grey	DN 50 (pipe collar)



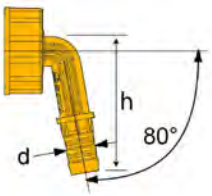


OHA-SAVE-Condesnate connection „Fati“

he perfect advancement:
► with condensate connection nozzle ⅜" (10 mm) and ½" (12 mm)
► with odor seal and anti-back-up system

Article no.	PU	PU	PU	Colour	Compatible for:
5022	1	5	100	grey	DN 50





OHA-Angle-Condensate-Connection with nut and Gasket

► with Condensate-Connection-Nozzle ⅜" (10 mm), ½" (12 mm) and ¾" (19 mm)

Article no.	PU	PU	PU	Colour	d:	Insertion height in mm:
5100	5	25		grey	3/8" / 10 mm	20 mm
5101	5	25		grey	3/4" / 19 mm	24 mm
5102	5	25		grey	1/2" / 12 mm	24 mm





OHA-Connecting pipe collar (OHA-KON)

Suitable for cast pipes for the connection of pipes of other materials to cast iron pipes and fittings according to DIN EN 877 and DIN19522. For pressureless pipe connections within buildings. No ground mounting allowed!

► CE conformity

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1
Hose clamp: to DIN 3017-1: SW 7, quality: W1

Installation and installation instructions can be found in chapter "16"!

Article no.	PU	PU	PU	Colour	D:	d:	Tightening torque:
3060	50	2400		black	DN 50	DN 40-56	6 Nm
3061	50	1500		black	DN 70	DN 56-75	6 Nm
3062	20	600		black	DN 100/110	DN 100-110	6 Nm
3063	20	600		black	DN 75/80	DN 75-90	6 Nm
3069	10	300		black	DN 125	DN 125	6 Nm
3072	20	600		black	DN 80	DN 56-75	6 Nm





OHA-Multi-Connecting pipe collar

Suitable for cast pipes
For the connection of pipes from foreign materials to cast pipe lines for pressureless down pipes up to 3 individual connecting pipes: 2 x DN 32/40 and 1 x DN 40/50/60. For pressureless pipe connections within buildings. No ground mounting allowed!

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1
Hose clamp: to DIN 3017-1: SW 7, quality: W1

Installation and installation instructions can be found in chapter "16"!

Article no.	PU	PU	PU	Colour	Size:	Tightening torque:
3064	1	4		black	DN 100/110	6 Nm





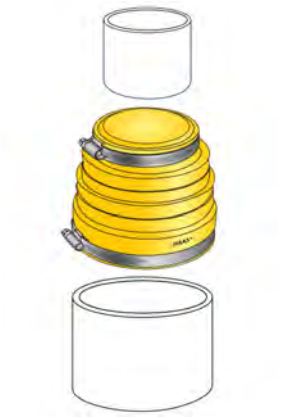
OHA-Multi-Connector

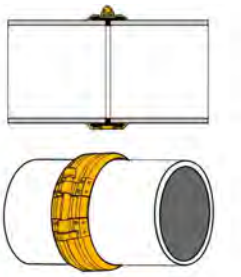
Suitable for cast pipes, transition joints for pipe types DN 100 or GA or LNA pipes DN 100 with an outside diameter of max. 115 mm on pipes made of extraneous materials with an external diameter of 72 - 110 mm. For pressureless pipe connections within buildings. No ground mounting allowed!

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1
Hose clamp: to DIN 3017-1: SW 7, quality: W1

Installation and installation instructions can be found in chapter "16"

Article no.	PU	PU	PU	Colour	Size:	Tightening torque:
3007	1			black	DN 100/110	6 Nm







OHA-Rabbit-Connector

Suitable for cast pipes. Clamping piece made of stabilized chrome steel, with a screw for plugged, cast iron drainage pipes and molding piece according to DIN EN 877 and DIN 19522, longitudinal force conclusive up to 0.5 bar. For dynamic loads we recommend to use appropriate screw safety measures!

► housing / jacket / clamping sleeve: W2, stainless steel

► screw leading / closure unit: austenitic steel, 1.4301 (V2A) according to DIN EN 10088-1
► screws: quality 8.8; Allen screw; DN 50 - DN 150: M8; DN 200: M10
► nut / lock plate / washer: tool-steel, surface-protected

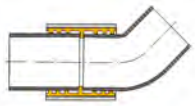
Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Installation and installation instructions can be found in chapter "16"

Article no.	PU	PU	PU	Colour	Size:	Tightening torque:
6095	45	1350		stainless steel	DN 50	6 Nm
6096	50	1350		stainless steel	DN 70	6 Nm
6097	45	810		stainless steel	DN 100	6 Nm
6098	5	15		stainless steel	DN 125	6 Nm
6099	5			stainless steel	DN 150	6 Nm
6100	1	20		stainless steel	DN 200	6 Nm
6130	50	600		stainless steel	DN 75/80	6 Nm

Auch komplett zu bestellen:

		Beschreibung
3012	1	Schlauchspann-Übergangsverbinder von DN 75/80 auf DN 70







CV-Connector for Cast-Pipes

Suitable for cast pipes. Two-screw connector for plug-in, cast-iron drainpipes and molding piece according to DIN EN 877 and 19522. For dynamic loads, we recommend to use appropriate screw safety measures!

► housing / jacket / clamping sleeve: W2, 1.4016 according to DIN EN 10088
► screw leading / closure unit: tool steel, surface-protected
► hexagon socket screws M8 with slot: quality 8.8, EN ISO 989-1
► nut / lock plate: tool-steel, surface-protected
► screw support: PE
► longitudinal force conclusive: none
► tightness for claw mounting: DN 50 - 200: 5 bar, DN 250 - 300: 3 bar

Material (sealing collar): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Tightening torque:
6018	45	2250		stainless steel	DN 50	8 - 10 Nm
6019	50	1200		stainless steel	DN 70	8 - 10 Nm
6020	45	540		stainless steel	DN 100	8 - 10 Nm
6021	20	360		stainless steel	DN 125	8 - 10 Nm
6022	20	240		stainless steel	DN 150	8 - 10 Nm
6026	20	160		stainless steel	DN 200	8 - 10 Nm
6016	12	72		stainless steel	DN 250	8 - 10 Nm
6027	50	1200		stainless steel	DN 75/80	8 - 10 Nm
6017	8	48		stainless steel	DN 300	8 - 10 Nm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

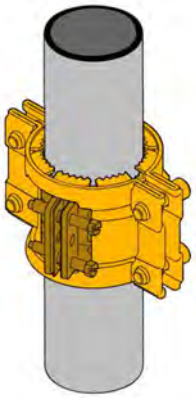


OHA-Combi-Claws

Suitable for cast pipes. Longitudinal force conclusive and brand-proof safety clamp for SML pipes and molding piece DIN EN 877 and 19522 for all OHA-RABBIT, CV and CE connectors. For dynamic loads we recommend to use appropriate screw safety measures! Longitudinal frictional locking according to DIN 877

► housing: Steel, galvanized
► collar: steel, galvanized
► hexagon socket screws M10: quality 8.8 EN ISO 898-1, St52-3 or S355J2

Installation and installation instructions can be found in chapter "16"!



Article no.	PU	PU	PU	Colour	Size:	Tightening torque:
6400	10	200		galvanized steel	DN 50	18 - 20 Nm
6401	10	200		galvanized steel	DN 70	18 - 20 Nm
6402	10	200		galvanized steel	DN 80	20 - 23 Nm
6403	10	200		galvanized steel	DN 100	30 - 35 Nm
6405	10	200		galvanized steel	DN 150	33 - 35 Nm
6406	2	150		galvanized steel	DN 200	40 - 50 Nm
6407	1	75		galvanized steel	DN 250	50 - 55 Nm
6409	1	75		galvanized steel	DN 300	50 - 55 Nm
6404	10	200		galvanized steel	DN 125	30 - 35 Nm

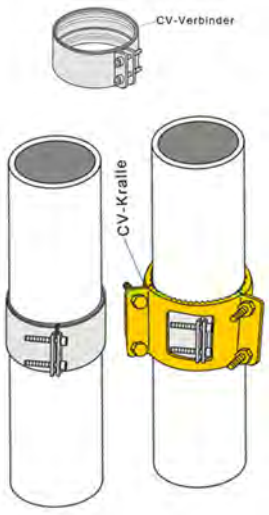


OHA-CV-Claws

Suitable for cast pipes. Longitudinal force conclusive and brand-proof safety clamp for cast pipes and molding piece DIN EN 877 and 19522 for CV connectors. For dynamic loads we recommend to use appropriate screw safety measures! Longitudinal frictional locking according to DIN 877

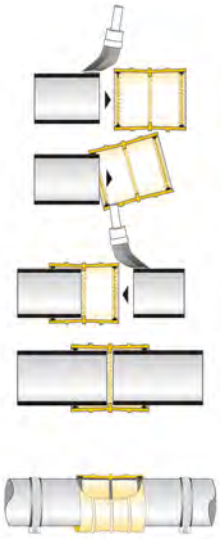
► housing: Steel, galvanized
► screws: Steel, galvanized

Installation instructions can be found in chapter "16"!



Article no.	PU	PU	PU	Colour	Size:	Tightening torque:
6350	10	480		galvanized steel	DN 50	5 - 8 Nm
6351	10	480		galvanized steel	DN 70	5 - 8 Nm
6352	10	480		galvanized steel	DN 75	5 - 8 Nm
6353	10	480		galvanized steel	DN 100	10 - 12 Nm
6355	10	480		galvanized steel	DN 125	10 - 12 Nm
6356	5	25		galvanized steel	DN 150	15 - 20 Nm
6357	5	25		galvanized steel	DN 200	15 - 20 Nm
6358	5	25		galvanized steel	DN 250	15 - 20 Nm
6359	5	25		galvanized steel	DN 300	15 - 20 Nm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



SVE-Connector, DN 100, acc. to DIN 4102-1 (B1), hardly inflammable



Suitable for cast pipes.

Plug-in connection for SML / TML / BML pipes in the area estate drainage and house drainage pipes. Manufactured according to official building and testing specifications. Double sockets made of PP in gray color with directly sprayed on lip seals made of thermoplastic rubber. Easy, safe mounting, since no slipping of the seal possible. When using SVE-Connectors inside buildings, we recommend that the pipes and fittings be additionally secured as a result of the elasticity of the connection.

Note: The SVE connector can only be used for one-time installation. After replacement or repair of a connection a new connector has to be installed.

Article no.	PU	PU	PU	Colour	Size:
6302	12	36		grey	DN 100



HT-Connector to cast pipe, HTUG



Suitable for Cast-Pipes / HT-Pipes.

For connection of HT-Pipes with sleeve on cast pipes without sleeve using Rollfix HT.

Material: impact resistant polypropylene

Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
5152	6	336		grey	DN 100	
5150	15	840		grey	DN 50	
5151	10	560		grey	DN 75	
5650	6			grey	DN 50	acc. to DIN 4102-1 (B1), hardly inflammable
5651	5	15		grey	DN 75	acc. to DIN 4102-1 (B1), hardly inflammable
5652	3	9		grey	DN 100	acc. to DIN 4102-1 (B1), hardly inflammable



PP Connector for Sitech and Sielent PP to cast iron pipe



Suitable for Cast-Pipes / HT-Pipes.

For connection of HT-Pipes with sleeve on cast pipes without sleeve using Rollfix HT.

Material: impact resistant polypropylene

Article no.	PU	PU	PU	Colour	Size:
5186	15	840		black	DN 50
5187	10	560		black	DN 70
5188	6	336		black	DN 100

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Pipe-Connector and Sealing elements

For Cast-Iron-Pipes / HT-Pipes

HTUG



Rollfix-Connector for HT and KG-Pipes

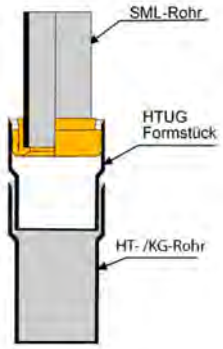
Suitable for cast iron pipes / HT pipes / KG pipes.

For connecting HT and KG pipes with socket to cast iron pipes without socket using HTUG and KGUG fittings.

See article no.: 5150 - 5152

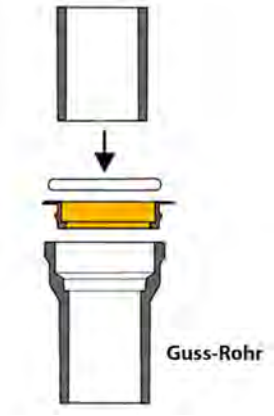
Material: rubber EPDM, resistant to aging and weathering acc. To DIN EN 681-1

Note: On our homepage "www.haas.de" you will find a video about the application / assembly.



Article no.	PU	PU	PU	Colour	Size:	Possible applications:
5141	1	40		black	DN 50	For HT pipes
5142	1	20		black	DN 70	For HT pipes
5143	1	20		black	DN 100	also suitable for fitting KGUG DN 100
5144	1	10		black	DN 125	For KG pipes
5145	1	10		black	DN 150	For KG pipes
5146	1	10		black	DN 200	For KG pipes

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Mengering®-Innerring (formring) for GA-Sleeve

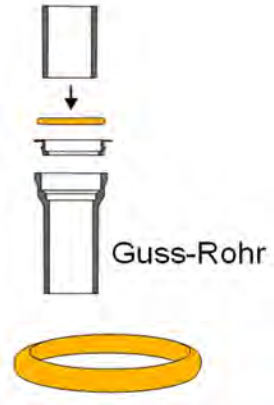
Suitable for cast pipes / HT pipes.

For connection between cast pipes with sleeve and steel or plastic pipes.
Exception: Use the thicker lip ring for the joints with the sleeve and HT pipes (DN 50/125) (item no. 3260, 3261).

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Description Silencing ring:
3254	10	50		black	DN 50	G-50
3255	10	50		black	DN 70	G-70
3256	10	50		black	DN 100	G-100



Mengering®-Outerring (rollring) for GA-Sleeve

Suitable for cast pipes / HT-Pipes.

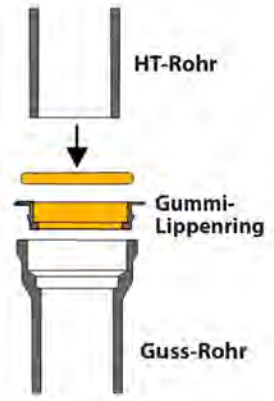
For connection between cast pipes with sleeve and steel or plastic pipes.
Exception: For the connections cast pipe with sleeve and HT-Pipes (DN 50/70/125) use stronger rolling ring (item no. 3268-3270).

► resistant to sewage water and aging

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Description Sealing ring:	Dimensions in mm:
3262	10	50		black	DN 50	A-50	48 x 10,4 mm
3263	10	50		black	DN 70	A-70	68 x 10,4 mm
3264	10	50		black	DN 100	A-100	100 x 10,4 mm



Replacement Mengering® double seal kit

► consisting of lip ring and outer ring

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:
3344	10	50		black	DN 50
3345	10	50		black	DN 75
3346	10	50		black	DN 110
3347	10	50		black	DN 125

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

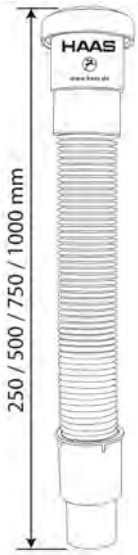
NEW

HT-connection hose flexible



HT connection hose flexible, socket DN 50, spigot end DN 40/50, available in various lengths.
► Maximum overpressure up to 0.5 bar
► Temperature resistant up to +100° C for a short time.
► Resistant to household wastewater
► Suitable for HT DN 50 spigot end on HT DN 40/50 socket
► Material: polypropylene, (seal): EPDM, resistant to aging and weathering acc. to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Socket:	Spigot end:	Length:
5200	1	20		grey	DN 50	DN 40/50	250 mm
5201	1	35		grey	DN 50	DN 40/50	500 mm
5202	1	10		grey	DN 50	DN 40/50	750 mm
5203	1	10		grey	DN 50	DN 40/50	1000 mm



NEW

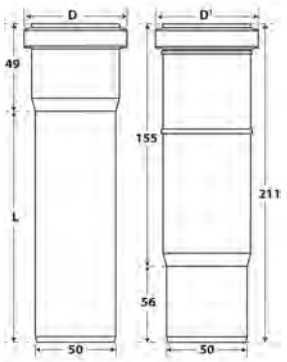
OHA-HT-telescopic tube DN 50



HT telescopic tube extendable 250 mm to 400 mm, material: polypropylene.

► according to DIN EN 1451-1 with DIN CEN/TS 1451-2.
► according to DIN 4102-1 (B1) and DIN 4102-4
► according to DIN EN ISO 11925-2

Article no.	PU	PU	PU	Colour	Size:	Length:
5205	1	10		grey	DN 50	250 to 400 mm



NEW

PP multiadapter with socket DN 40

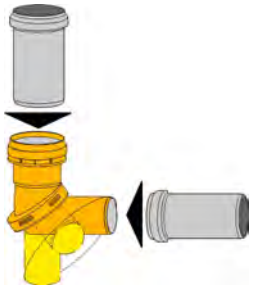


Made of impact-resistant polypropylene (= 100 % recycled material). The hose connection saves approx. 56 grams of CO2 and approx. 1,41 kWh of primary energy. An article 6 possible combinations. connection possibilities: DN 40 socket and DN 32 socket, DN 40 spigot end, 1" thread.
► DIN 4102-B2

Article no.	PU	PU	PU	Colour	suitable for:
5021	5	50	150	grey	DN 40



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA Multi-Bow made of PP for HT-Pipes

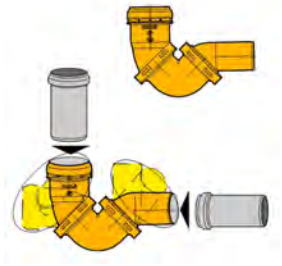
The special advantage lies in the time saving during the installation. As an optimal solution with narrow installation conditions, enormous storage space saving both at the specialist trade as well as with the installer in the warehouse, in the customer service vehicle. The new OHA Multi-Arc is infinitely adjustable from 0° to 87° degrees, replaces six conventional fixed angle HT-Arcs.

Further installation advantages:
When connecting cables to obliquely upwardly directed branching branches in basic or collective lines, but also in many other cases, often not even two arcs are sufficient to obtain the appropriate connection angle.



► with one bow the right number of grades, is not necessary to tray many times
► no tensions and thus possible leaks in the area of the arc connection
► facilitates the connection of drainage points even after the raw construction phase
► special sliding seal ensures easy handling
► no unnecessary storage
► thanks to a sophisticated sealing system, the OHA-Multi-Arc remains tight in every position!

Article no.	PU	PU	PU	Colour	Size:
5040	5			grey	DN 40/40
5041	25			grey	DN 50/40
5045	25			grey	DN 50/50



OHA-Multi-Bow-Transitions from spigot to sleeve, 90° to 180°



Article no.	PU	PU	PU	Colour	Size:
5064	1			grey	DN 50/50
5063	1			grey	DN 50/40
5065	1			grey	DN 40/40
5066	1			grey	DN 40/50

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

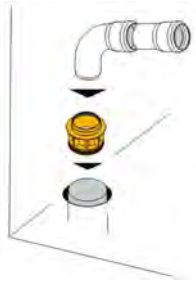


OHA-RDST Internal reducer 75/50

The wastewater pipe reducer for socketless HT pipes, Base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving.

► Standard: EN 1451-1
► Pipe series: S20
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer seals according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6669	15			grey	DN 75/50	according to DIN 4102-1 (B2), normal inflammable



OHA-RDST Internal reducer 108/50

The sewage pipe reducer, eccentric for socketless HT and KG pipes. Base body made of impact-resistant polypropylene, for thick-walled pipe types with a diameter of 101-103 mm.

► Standard: EN 1451-1
► Field of application: B
► DIBt Approval no.: Z-42.1-598

Elastomer seals according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6680	15	840		tauben-blau	DN 108/50	according to DIN 4102-1 (B2), normal inflammable



OHA-RDST Internal reducer 110/50

The sewage pipe reducer for socketless HT pipes, Base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving.

► Standard: EN 1451-1
► Pipe series: S20
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer seals according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6670	15	840		grey	DN 110/50	according to DIN 4102-1 (B2), normal inflammable

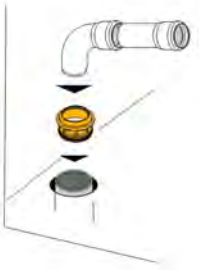


OHA-RDST Internal reducers

The sewage pipe reducer for socketless HT pipes, Base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving.

► Standard: EN 1451-1
► Pipe series: S20
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer seals according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6671	15	840		grey	DN 110/75	according to DIN 4102-1 (B2), normal inflammable
6672	15	840		grey	DN 110/90	according to DIN 4102-1 (B2), normal inflammable
6666	10	560		grey	DN 125/110	according to DIN 4102-1 (B2), normal inflammable

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA plug-in sleeve 110/110

The wastewater pipe reducer for socketless HT pipes, Base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving.

- ► Dimension: DN 110/110
- ► Standard: EN 1451-1
- ► Pipe series: S20
- ► Application area: B
- ► DIBt Approval no.: Z-42.1-598
- ► Installation only vertical or greater than 34°!

Elastomer seals according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6673	5	280		grey	DN 110/110	according to DIN 4102-1 (B2), normal inflammable



Rubber reducing sleeves for OHA-RDST

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:
3340	1			black	DN 110 for connection DN 56
3341	1			black	DN 110 for connection DN 63
3342	1			black	DN 110 for connection DN 56, eccentric
3343	1			black	DN 110 for connection DN 63, eccentric
3335	1			black	DN 90 for connection DN 50
3336	1			black	DN 90 for connection DN 70



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA plug-in branch "Torsten" DN 110/110

The ideal plug-in T-branch if a connection is subsequently required to an existing HT pipe DN 110, e.g. for an additional toilet, etc..

The 87° branch can ideally be installed flush with the ground or ceiling, but can also be retrofitted at any height. Attachment to a downpipe simple and process-safe by locking. WC connection installation possible in the area of the false floor height with very little space. Base body made of impact-resistant polypropylene, complete with all necessary seals.

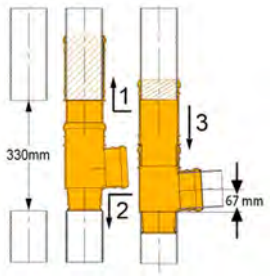
► Dimension: DN 110/110
► Angle: 87°
► Standard: EN 1451-1
► Pipe series: S20
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer seals according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Application:	Fire behavior:
6686	1	6		grey	Installation in concrete slab	acc. to DIN 4102-1 (B1), hardly inflammable



OHA-HTEA sliding branch "Myriam" DN 110/110



The ideal sliding T-branch if a connection is subsequently required to an existing HT pipe DN 110, e.g. for an additional toilet, etc..

By inserting the branch with sliding sleeve into the spigot end of the downpipe shortened flush with the floor, a toilet connection installation can be retrofitted. Attachment to a downpipe simple and process-safe by locking. Base body made of impact-resistant polypropylene, complete with all necessary seals.

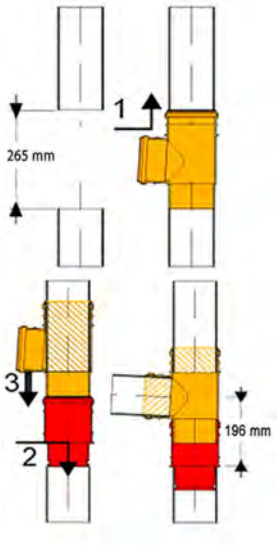
► Dimension: DN 110/110
► Angle: 87°
► Standard: EN 1451-1
► Pipe series: S20
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer seals according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Application:	Fire behavior:
6683	1			grey	Installation in concrete slab	according to DIN 4102-1 (B1), flame retardant



OHA-HTEA sliding branch "Tara" DN 110/110



The ideal sliding T-branch if a connection is subsequently required to an existing HT pipe DN 110, e.g. for an additional toilet, etc..

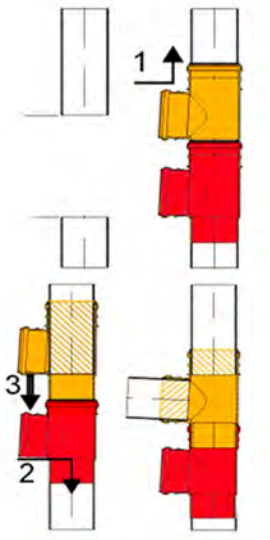
The branch with sliding sleeve can ideally be installed flush with the ground or ceiling, but can also be retrofitted at any height. Attachment to a downpipe is simple and process-safe by means of a locking device. WC connection installation possible in the area of the false floor height with very little space. For WC connection installation in the concrete slab area, see article 6683. Base body made of impact-resistant polypropylene, complete with all necessary seals.

► Dimension: DN 110/110
► Angle: 87°
► Standard: EN 1451-1
► Pipe series: S20
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer seals according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Application:	Fire behavior:
6681	1	3		grey	Installation in false floors	according to DIN 4102-1 (B1), flame retardant

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-HTEA sliding branch "Lukas" DN 110/110

The ideal sliding T-branch if a connection is subsequently required to an existing HT pipe DN 110, e.g. for an additional toilet, etc..

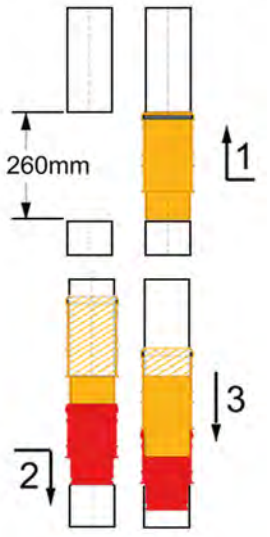
The branch with sliding sleeve can ideally be installed flush with the ground or ceiling, but can also be retrofitted at any height. Attachment to a downpipe is simple and process-safe by means of a locking device. For WC connection installation in the concrete slab area, see article 6683. Base body made of impact-resistant polypropylene, complete with all necessary seals.

► Dimension: DN 110/110
► Angle: 87°
► Standard: EN 1451-1
► Pipe series: S20
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer seals according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Application:	Fire behavior:
6682	1	56		grey	Installation in false floors	according to DIN 4102-1 (B1), flame retardant





OHA-HTEA repair sliding sleeve "Michaela" DN 110/110

The ideal sliding sleeve for repairing damaged HT pipes DN 110.

Attachment to a downpipe simple and process-safe by locking. Base body made of impact-resistant polypropylene, complete with all necessary seals.

► Dimension: DN 110/110
► Standard: EN 1451-1
► Pipe series: S20
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer seals according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Application:	Fire behavior:
6685	1			grey	Repair of damaged HT pipes	according to DIN 4102-1 (B1), flame retardant

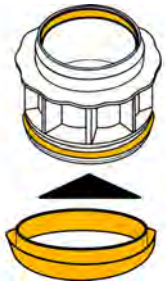




Lip Seal rings for OHA-RDST

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Compatible for:
6385	10	50		black	DN 75	OHA-RDST 75/50
6386	10	50		black	DN 160	OHA-RDST 160/110
6387	10	50		black	DN 110	OHA-RDST 110-110/90/75/50/40
6391	10	50		black	DN 125	OHA-RDST 125/110





Lip Seal rings for HT pipes

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3655	10	500		black	DN 90	95 mm	102 mm	9 mm
6380	20	500		black	DN 40	37 mm	52 mm	7,5 mm
6382	10	400		black	DN 110	108 mm	124 mm	9 mm
6383	10	400		black	DN 125	123 mm	141 mm	10 mm
6384	10	300		black	DN 160	157 mm	177 mm	12 mm
3285	20			black	DN 50	48 mm	62 mm	7,2 mm
6381	20	800		black	DN 75	73 mm	87 mm	7,2 mm
6379	20	500		black	DN 32 (NEW)	30 mm	39 mm	7 mm





Rolling rings for plastic pipes

Rubber roller rings according to DIN 4060, largely resistant to sewage and aging.

Article no.	PU	PU	PU	Colour	Size:	Dimension in mm:
4190	20	400		black	DN 40	39 x 6 mm
4191	20	400		black	DN 50	49 x 6 mm
4192	20	300		black	DN 70	74 x 6 mm
4193	20	300		black	DN 100	109 x 7 mm
4194	20	300		black	DN 125	124 x 8 mm
4195	20	100		black	DN 150	159 x 9 mm
4196	20	100		black	DN 200	199 x 10 mm



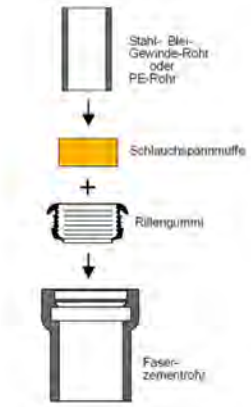
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Pipe-Connector and Sealing elements

For Fiber Cement Pipes

Hose Span Sleeves

08.21



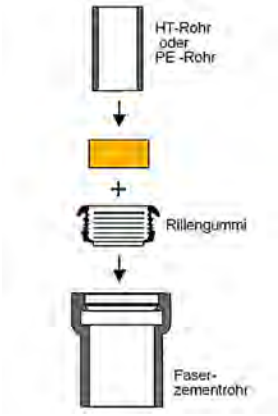
Hose span sleeve for steel, threaded & lead pipes

For connection of fiber cement pipes with pipe collar (e.g. Enternit®) to steel, threaded or lead pipes in combination with grooving or OHA clamping sleeves.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:
3221	6	120		black	Steel pipe DN 40, lead pipe DN 40, Gewinderohr DN 32	40 mm	62 mm
3225	6	120		black	Steel pipe DN 50, lead pipe DN 50, (PE-pipe DN 50)	50 mm	62 mm
3230	6	180		black	Threaded pipe DN 50	58 mm	62 mm
3237	6	24		black	Steel pipe DN 100	100 mm	114 mm



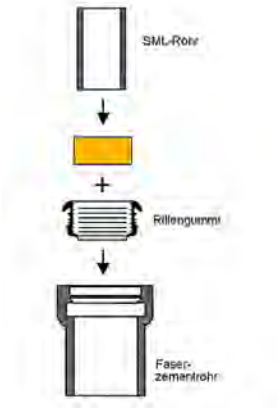
Hose span sleeve for HT- & PE-Pipes

For connection of fiber cement pipes with pipe collar (e.g. Enternit®) with HT- or PE-Pipes in combination with creasing rubber or OHA clamping sleeve.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:
3274	6	150		black	DN 50	46 mm	63 mm
3275	6	78		black	DN 70	70 mm	83 mm
3248	4	32		black	DN 125	122 mm	138 mm
3003	3	30		black	DN 150	157 mm	165 mm
3005	3	15		black	DN 200	197 mm	217 mm
3233	6	150		black	DN 40	38 mm	62 mm
3238	6	156		black	DN 100	107 mm	114 mm



Hose span sleeve for SML-Pipes

Suitable for cast pipes.

For connection of fiber cement pipes with pipe collar (e.g. Enternit®) and cast pipe types in combination with grooving or OHA clamping sleeves.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:
3276	4			black	DN 100	108 mm	115 mm
3281	6	144		black	DN 50	55 mm	63 mm
3284	6	120		black	DN 70	76 mm	83 mm
3002	4	24		black	DN 125	133 mm	139 mm
3004	2	22		black	DN 150	158 mm	167 mm
3006	2	10		black	DN 200	212 mm	220 mm

Hose Tension Junction Connector

Hose Tension Junction Connector DN 75/80 to DN 70. For connecting grafted fiber cement pipes (eg Enternit®) with HT or PE pipes in conjunction with grooved rubber or OHA clamping sleeve.

Material: Rubber EPDM, resistant to aging and weathering according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	i-Ø in mm:	o-Ø in mm:
3012	5			black	DN 75/80	approx. 75 mm	approx. 83 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA span sleeves for fiber cement pipes

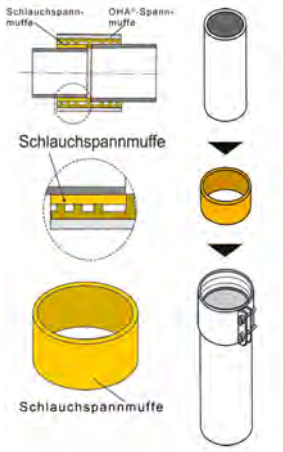
Made of stainless steel with rubber seal. Galvanized locking part for the connection of fiber cement pipes and other pipe types with the corresponding hose clamping sleeves. Extra sturdy design with side edge.

► Use: especially for non-pressure lines

For dynamic loads we recommend to use appropriate screw safety measures!

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:
6008	10	240		stainless steel	DN 50	72 mm	80 mm
6009	10	240		stainless steel	DN 70	88 mm	98 mm
6010	10	120		stainless steel	DN 100	120 mm	130 mm
6011	5	60		stainless steel	DN 125	148 mm	160 mm
6012	5	20		stainless steel	DN 150	167 mm	180 mm
6013	1	8		stainless steel	DN 200	220 mm	235 mm



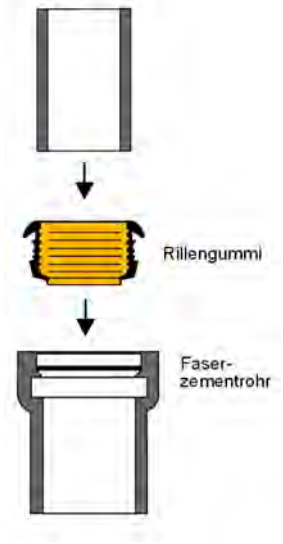


Grooved Rubber

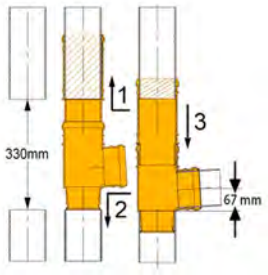
For the connection of fiber cement pipes with pipe collar (e.g. Eternit®) to other pipe types.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer- Ø in mm:
3271	6	90		black	DN 50	60 mm	75 mm
3272	6	48		black	DN 70	80 mm	90 mm
3273	6	24		black	DN 100	110 mm	125 mm
3016	6	18		black	DN 125	133 mm	155 mm
3017	4	12		black	DN 150	160 mm	181 mm
3014	2	4		black	DN 200 (NEW)	207 mm	234 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA sliding branch "Hans" DN 110/110 for SML/PE/Polo-KAL®

Plug end to spigot end, suitable for:

► Geberit® Silent-PP, DN 110 x 3.4 (wall thickness)
► Polo-KAL®, DN 110 x 3.4
► SML, DN 100

The ideal sliding T-branch when a connection is subsequently required to an existing HT line DN 110, e.g. for an additional toilet, etc..

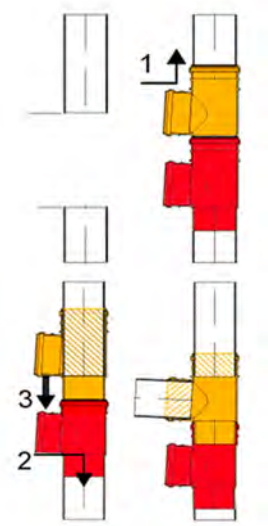
By inserting the branch with sliding sleeve into the spigot end of the downpipe shortened flush with the floor, a toilet connection installation can be retrofitted. Attachment to a downpipe simple and process-safe by locking. Base body made of impact-resistant polypropylene, complete with all necessary seals.

► Socket dimension: DN 110/110
► Spigot end dimension: DN 110, Øinside 101-103 mm
► Angle: 87°
► Norm: EN 1451-1
► Field of application: B
► DIBt Approval no.: Z-42.1-598

Elastomer seals according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Application:	Fire behavior:
6687	1	3		blue	Installation in concrete slab	acc. to DIN 4102-1 (B1), flame retardant





OHA sliding T-branch "Manuel" DN 110/110 and 110/110 for SML/PE/POLO-KAL®

The ideal sliding T-branch if a connection is subsequently required to an existing HT pipe DN 110, e.g. for an additional toilet, etc..

The branch with sliding sleeve can ideally be installed flush with the ground or ceiling, but can also be retrofitted at any height. Attachment to a downpipe is simple and process-safe by means of a locking device. WC connection installation possible in the area of the false floor height with very little space. WC connection installation in the area of concrete slab see article 6683. Base body made of impact-resistant polypropylene, complete with all necessary seals.

► Socket dimension: DN 110/110
► Spigot end dimension: DN 110, Øinside 101-103 mm
► Angle: 87°
► Norm: EN 1451-1
► Field of application: B
► DIBt Approval no.: Z-42.1-598

Elastomer seals according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Application:	Fire behavior:
6688	1	3		blue	Installation in concrete slab	acc. to DIN 4102-1 (B1), flame retardant



NEW

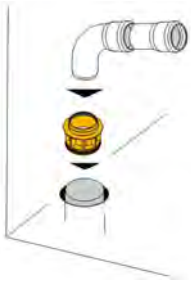


OHA-RDST 90/50 suitable for PE pipes

The wastewater pipe reducer for socketless PE pipes, base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving. Suitable for PE pipes from e.g. Geberit®, Wavin®, Valsir® and GF®.

► Standard: EN 1451-1 / Pipe series: S16 / Wall thickness: 2.8 - 3.3 mm
► Standard: EN 1519-1 / Pipe series: S16 / Wall thickness: 3.0 - 3.5 mm
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer gaskets according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6751	10	30		black	DN 90/50	acc. to DIN 4102-1 (B2), normal inflammable

NEW

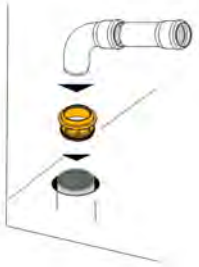


OHA-RDST 90/75 for PE pipes

The wastewater pipe reducer for socketless PE pipes, base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving. Suitable for PE pipes from e.g. Geberit®, Wavin®, Valsir® and GF®.

► Dimension: DN 90/75
► Standard: EN 1451-1 / Pipe series: S16 / Wall thickness: 2.8 - 3.3 mm
► Standard: EN 1519-1 / Pipe series: S16 / Wall thickness: 3.0 - 3.5 mm
► Application area: B
► DIBt Approval no.: Z-42.1-598

Elastomer gaskets according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6752	10			black	DN 90/75	acc. to DIN 4102-1 (B2), normal inflammable

NEW



OHA push-in joint 90/90 for PE pipes

The wastewater pipe reducer for socketless PE pipes, base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving. Suitable for PE pipes from e.g. Geberit®, Wavin®, Valsir® and GF®.

► Standard: EN 1451-1 / Pipe series: S16 / Wall thickness: 2.8 - 3.3 mm
► Standard: EN 1519-1 / Pipe series: S16 / Wall thickness: 3.0 - 3.5 mm
► Application area: B
► DIBt Approval no.: Z-42.1-598
► Installation only vertical or greater than 34°!

Elastomer gaskets according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6753	5	15		black	DN 90/90	acc. to DIN 4102-1 (B2), normal inflammable

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



NEW



OHA plug-in socket 110/110 for PE pipes

The wastewater pipe reducer for socketless PE pipes, base body made of impact-resistant polypropylene. For insertion into the spigot end, especially suitable for renovation, easy application and high time saving. Suitable for PE pipes from e.g. Geberit®, Wavin®, Valsir® and GF®.

► Dimension: DN 110/110
► Standard: EN 1451-1 / Pipe series: S16 / Wall thickness: 3.4 - 4.0 mm
► Standard: EN 1519-1 / Pipe series: S16 / Wall thickness: 3.4 - 4.0 mm
► Field of application: B
► DIBt Approval no.: Z-42.1-598
► Installation only vertical or greater than 34°!

Elastomer gaskets according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Fire behavior:
6756	5	15		black	DN 110/110	acc. to DIN 4102-1 (B2), normal inflammable

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Pipe-Connector and Sealing elements

For KG-Pipes



KG-Connection-Piece to cast pipe, KGUG

For the connection of KG pipes with sleeve on cast pipes without sleeve using Rollfix KG. Suitable for cast pipes / KG pipes. Material of PVC-U (hard PVC).

Article no.	PU	PU	PU	Colour	Size:
5153	6	18	360	orange-braun	DN 100
5154	6	120		orange-braun	DN 125
5155	4	12	240	orange-braun	DN 160





Rollfix-Connector for HT and KG-Pipes

Suitable for cast iron pipes / HT pipes / KG pipes.

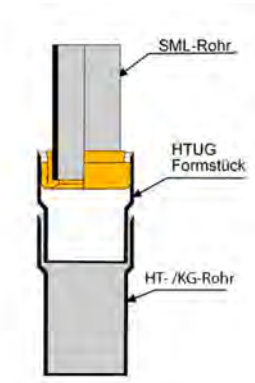
For connecting HT and KG pipes with socket to cast iron pipes without socket using HTUG and KGUG fittings.

See article no.: 5150 - 5152

Material: rubber EPDM, resistant to aging and weathering acc. To DIN EN 681-1

Note: On our homepage "www.haas.de" you will find a video about the application / assembly.

Article no.	PU	PU	PU	Colour	Size:	Possible applications:
5141	1	40		black	DN 50	For HT pipes
5142	1	20		black	DN 70	For HT pipes
5143	1	20		black	DN 100	also suitable for fitting KGUG DN 100
5144	1	10		black	DN 125	For KG pipes
5145	1	10		black	DN 150	For KG pipes
5146	1	10		black	DN 200	For KG pipes





Mengering®-Outerring (rollring) for GA-Sleeve

For connection between cast pipes with sleeve and steel or plastic pipes. Exception: For the connections cast pipe with sleeve and HT pipes (DN 50/70/125) use stronger rolling ring (item no. 3268-3270). For DN 100: see item no. 3264

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Description Sealingring:	Dimension in mm:
3265	10	30		black	DN 125	A-125	125 x 12,4 mm
3266	10	30		black	DN 150	A-150	150 x 12,4 mm
3267	10	30		black	DN 200	A-200	198 x 12,4 mm





Mengering®-Innerring for GA-Sleeve

For connection between cast pipes with sleeve and steel or plastic pipes. Exception: Use the thicker lip ring for the joints with the sleeve and HT pipes (DN 50/125) (item no. 3260, 3261). For DN 100: see item no. 3256

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:
3257	10	30		black	DN 125
3258	10	30		black	DN 150
3259	10			black	DN 200



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Steel drainage elements, EPDM



Fits LORO-X® Pipes with sleeve. The steel drainage density element is designed as a lip cuff. The sealing lips are pressed on the inner wall of the sealing chamber and on the outer wall of the plug-in pipe by pushing in the pipe end. The collar of the sealing element on the sleeve edge prevents it from being pulled out of the seat during insertion.

► Use: e.g. For rainwater pipes, domestic waterworks, etc.
► Daylight resistant (ozone resistant)

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:
6626	10	750		black	DN 40
6627	10	600		black	DN 50
6628	10	120		black	DN 100
6642	10	420		black	DN 70
6643	10	300		black	DN 80
6644	10	100		black	DN 125
6645	10	60		black	DN 150
6646	10	400		black	DN 200



Steel drainage elements, NBR



Fits LORO-X® Pipes with sleeve. The steel drainage density element is designed as a lip cuff. The sealing lips are pressed on the inner wall of the sealing chamber and on the outer wall of the plug-in pipe by pushing in the pipe end. The collar of the sealing element on the sleeve edge prevents it from being pulled out of the seat during insertion. Use: e.g. For aerating and de-aeration of fuel oil tanks, system cooling, etc.

Material: NBR, oil resistant

Article no.	PU	PU	PU	Colour	Size:
6632	10	800		black	DN 40
6633	10	600		black	DN 50
6634	10	120		black	DN 100
6636	10	420		black	DN 70
6637	10	300		black	DN 80
6638	10	100		black	DN 125
6639	10	60		black	DN 150
6641	10	40		black	DN 200



OHA-TECT-Seals SE-S for Stoneware pipe connections



For fittings according to DIN EN 295 and Stoneware pipe connections among each other.

► Se-S seal for stone pipe connections
► Material: rubber special quality

Article no.	PU	PU	PU	Colour	Construction:	Transition from:	Size:
4340	1	5		black	OHA-Ste-s	Stoneware-Spigot on cast iron pipe	DN 100
4341	1			black	OHA-Ste-s	Stoneware-Spigot on cast iron pipe	DN 125
4342	1	5	15	black	OHA-Ste-s	Stoneware-Spigot on cast iron pipe	DN 150
4344	1	5	15	black	OHA-Ste-s	Stoneware-Spigot on cast iron pipe	DN 250 (NEW)
4343	1	5	15	black	OHA-Ste-s	Stoneware-Spigot on cast iron pipe	DN 200 (NEW)
4345	1	5	15	black	OHA-Ste-s	Stoneware-Spigot on cast iron pipe	DN 300 (NEW)

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-TECT-Seals SE-UE for Stoneware pipe to other Pipes

For fittings according to DIN EN 295 - for the connection of pipes with pointed ends to Stoneware Pipes with sleeve (normal wall thickness) without prefabricated seal.

► Se-Ü seals for stone pipe connections to other types of pipes
► Material: rubber special quality

Article no.	PU	PU	PU	Colour	Construction:	Size:
4350	1	5	15	black	OHA-Ste-ü	DN 100
4351	1	5	15	black	OHA-Ste-ü	DN 125
4352	1	5	15	black	OHA-Ste-ü	DN 150
4353	1	5	15	black	OHA-Ste-ü	DN 200



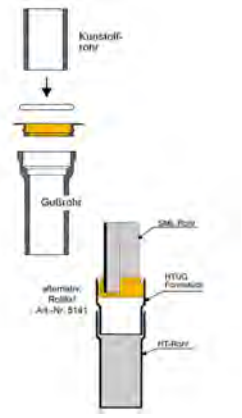


Mengering®-IS-Innerring (formring)

For GA-Sleeve on HT- and PE-Pipes.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Description:
3260	10	50		black	DN 50	GK-50
3261	10	30		black	DN 125	GK-125



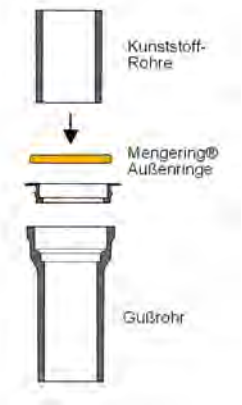


Mengering®-S-Outerring (rollring)

For GA-Sleeve on HT- and PE-Pipes, resistant to sewage and aging.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Material: rubber EPDM, resistant to aging and weat	Description Sealingring:	Dimension in mm:
3268	10	50		black	DN 50	AK-50	48 x 14,4 mm
3269	10	50		black	DN 70	AK-70	68 x 12 mm
3270	10	30		black	DN 125	AK-125	121 x 17 mm



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...which means various abbreviations for pipes made of plastic and castings?

„FZ“	=	**Fiber cement pipes or sleeves**
„GA-Pipes“	=	Cast iron pipes with cast-on sleeves (used earlier)
„HT-Pipes“	=	Description for sewage pipes in the indoor installation - "HT" is the abbreviation for high temperature - these wastewater pipes must be heat-resistant up to 95° C - these pipelines usually are light gray
„HTEA“	=	Single branch for HT-Pipes
„HTL“	=	Long sleeve for HT-Pipes
„HTS“	=	HT / Spigot
„HTSW“	=	HT / Siphonangle
„HTU“	=	Overlap sleeve for HT-Pipes
„KA-Pipes“	=	Were the predecessors for today's "HT pipes"
„KG-Pipes“	=	Description for sewage pipes in the ground - "KG" is the abbreviation for the basic canal pipe - These pipelines must not be used for household wiring, because they are not temperature-resistant
„KGÜE“	=	**KG-transition**
„KGUS“	=	**KG-connection parts on Stoneware-Spigot**
„KGUSM“	=	**KG transition to pipes with sleeves**
„LNA-Pipes“	=	Light, normal sewage pipe made of gray cast iron (used earlier)

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

HAAS®
Technology that simply connects. Nürnberg

Since over 75 years quality & innovation for the plumbing trade.

Chapter 09

Connection technology for WC and Urinal, as well as Toilet Tank Accessories





Visit also our website for more information:
www.haas.de

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... that "plastics" are divided into 3 areas?

1. Thermoplaste

Thermoplastic products can become soft and moldable by heating and retain the shape of the following mass plastics at approximately 90% of the world's production after cooling:

PE = Polyethylen
PP = Polypropylen
PVC = Polyvinylchlorid
PS = Polystyrol
PU = Polyurethan

Priority we use the plastics of polyethylene (HD) and polypropylene as they have outstanding properties for sanitary applications:

Polyethylen (HD) has high toughness and stiffness even at low temperatures, has good chemical resistance, good sliding properties and is very good to process. This material is very good, can be welded and physiologically harmless.

Compared to polyethylene, ***polypropylene*** has a higher hardness and stiffness, is resistant to many chemicals and can be used with hot water (up to approx. 90°).

At ***PVC*** a distinction is drawn between in two groups:
- Hart-PVC (PVC-U) - „U“ = ***unplasticized*** - is plasticizer-free and has high mechanical strength, high stiffness and hardness with low water absorption. In addition to the very good resistance to chemicals, this material is distinguished by weather and light resistance, is easily weldable and self-extinguishing (according to DIN 4102-B1).

-Soft-PCV (PVC-P) - „P“ = ***plasticized*** - is soft, formable and suitable for technical applications due to the addition of softeners and stabilizers. This material is characterized by good elasticity, chemical resistance and low water absorption.

2. Curable plastics

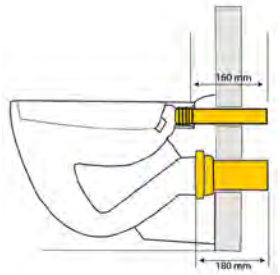
Heating of thermosets leads to their decomposition; These can not be deformed. Duroplasts are usually hard and brittle.

Important Curable plastics:
Polyester = PES
Epoxydharze
Formaldehydharze

3. Thermoplastic Elastomer

Thermoplastic elastomers (TPE) are processed into products as plastics. In your properties, they are classified between rubber and plastic. They become plastic when heated and exhibit elastic behavior when cooled. In addition to the relatively simple processability, the possibility of combining two materials (hard-soft composite) is to be emphasized, e.g. by welding or by injection molding.

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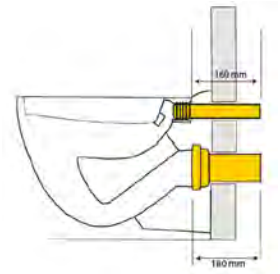
PE Wall-mounted toilet fittings - 180 mm long - with seal, weldable

For wall-mounted toilets with inlet connection 55 mm inside diameter, consisting of: 45x185 mm flushing pipe connector with rubber lip seal and toilet connection piece with rubber put on seal, incl. cover caps, eccentric disk, washers and nuts M12 and assembly instructions. Tested according to DIN 1389.

Material: polyethylene (PE-HD), weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Construction:	Insertion height in mm:
3286	6	336		black	DN 90/110 Cover caps in metal look	135 mm
3287	6	336		black	DN 90/110 Cover caps white	135 mm
3288	6	336		black	DN 110/110 Cover caps in metal look	135 mm
3289	6	336		black	DN 110/110 Cover caps white	135 mm



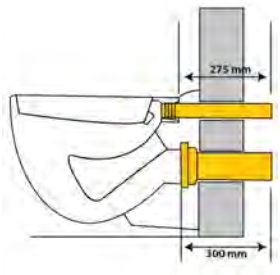
PE Wall-mounted toilet fittings - 180 mm long - with pressed-in seal, weldable

For wall-mounted toilets with inlet connection 55 mm inside diameter, consisting of: 45x185 mm flushing pipe connector with rubber lip seal and toilet connection piece with rubber seal, incl. cover caps, eccentric disk, washers and nuts M12 and assembly instructions. Tested according to DIN 1389.

Material: polyethylene (PE-HD), weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Construction:	Insertion height in mm:
3290	6	336		black	DN 90/110 Cover caps in metal look	135 mm
3291	6	336		black	DN 90/110 Cover caps white	135 mm
3292	6	336		black	DN 110/110 Cover caps in metal look	135 mm
3293	6	336		black	DN 110/110 Cover caps white	135 mm



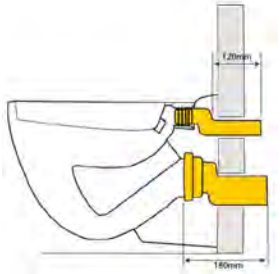
PE Wall-mounted toilet fittings - 300 mm long - with seal, weldable

For wall-mounted toilets with inlet connection 55 mm inside diameter, consisting of: 45x300 mm flushing pipe connector with rubber lip seal and toilet connection piece 300 mm long with rubber put on seal, incl. cover caps, eccentric disk, washers and nuts M12 and assembly instructions. Tested according to DIN 1389.

Material: polyethylene (PE-HD), weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Construction:	Insertion height in mm:
3600	1	10	200	black	DN 90/110 Cover caps in metal look	260 mm
3601	1	10	200	black	DN 90/110 Cover caps white	260 mm
3602	1	10	200	black	DN 110/110 Cover caps in metal look	260 mm
3603	1	10	200	black	DN 110/110 Cover caps white	260 mm



PE Wall-mounted toilet fittings, etagiert - 180 mm long - with seal, can be welded

Etagiert by 2,5 cm, consisting of: connection piece, rubber dome seal, flush pipe connector with rubber lip seal, eccentric disk, washers, mounting set and two white cover caps.

Material: polyethylene (PE-HD), weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

SPECIAL EXECUTION - WITHOUT WARRANTY!



Article no.	PU	PU	PU	Colour	Construction:	Lenght:	Insertion height in mm:
3282	1	10	200	black	DN 90/110	180 mm	140 mm
3283	1	10	200	black	DN 110/110	180 mm	140 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

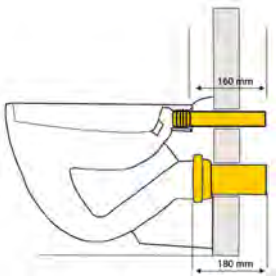


PP Wall-mounted toilet fittings - 180 mm long - with seal

For wall-mounted toilets with inlet connection 55 mm inside diameter, consisting of: 45x185 mm flushing pipe connector and rubber lip seal and toilet connection piece with rubber put on seal, incl. white cap, eccentric disk, washers, nuts M12 and assembly instructions. Tested according to DIN 1389.

Material: polypropylene (PP), weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Construction:	Insertion height in mm:
3550	6	336		black	DN 90/110 Cover caps white	135 mm
3560	6	336		black	DN 110/110 Cover caps white	135 mm



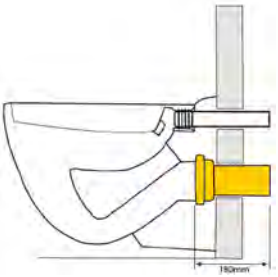


PE Wall-mounted toilet connection - 180 mm long - with seal, weldable

With two Cover caps in metal look and two eccentric discs

Material: polyethylene (PE-HD), weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Construction:	Length:	Insertion height in mm:
3298	6	336		black	DN 110/110	180 mm	135 mm
3299	6	336		black	DN 90/110	180 mm	135 mm



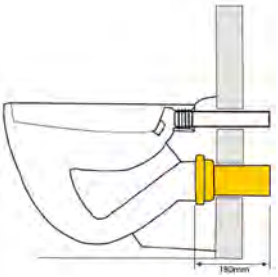


PE wall-mounted WC connection pipe - 180 mm long - with seal, weldable

With two white cover caps and two eccentric discs each

Material: made of polyethylene (PE-HD), weldable
Material (seal): EPDM, resistant to ageing and weathering according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Version:	Length:	Insertion height in mm:
3498	6	336		black	DN 110/110	180 mm	135 mm
3499	6	120		black	DN 90/110	180 mm	135 mm



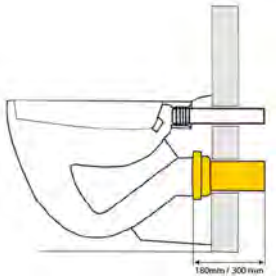


PE Wall-mounted toilet connection - with seal, weldable

► with rubber put on seal

Material: polyethylene (PE-HD), weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Construction:	Length:	Insertion height in mm:
3044	6			black	DN 90/110	180 mm	135 mm
3300	6			black	DN 110/110	180 mm	135 mm
3605	10	200		black	DN 90/110	300 mm	265 mm
3606	10	200		black	DN 110/110	300 mm	265 mm





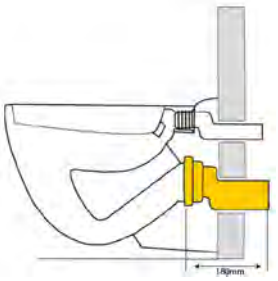
PE Wall-mounted toilet connection, etagiert, 180 mm long - with seal, can be welded

► etagiert by 2,5 cm, with rubber put on seal.

Material: polyethylene (PE-HD), weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

SPECIAL EXECUTION - WITHOUT WARRANTY!

Article no.	PU	PU	PU	Colour	Construction:	Lenght:	Insertion height in mm:
3008	6	336		black	DN 90/110	180 mm	135 mm
3009	6	336		black	DN 110/110	180 mm	135 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Maintenance set for wall mounted toilet fittings (G) DN 90

Maintenance set suitable for wall-mounted toilet fittings DN 90, incl. Cover caps in metal look, eccentric discs and washers.

Material (seals): EPDM, resistant to aging and weathering according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Content:
3065	5	75		black	10 pieces

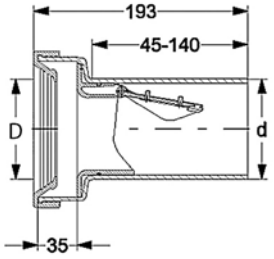
WC Foreign-Rinse-Stop



OHA-Foreign-Rinse-Stop, weldable, with standard insertion depth of 35 mm!

For welding with PE-Pipes or for insertion into another drain pipe. Padlock with stainless steel support. Tested according to: DIN 1389 (toilet fittings), DIN EN 997, 5.2.6 (rinsing behavior), DIN EN 476, 5.5 Temperature behavior and temperature changes up to 95 ° C.

► suitable for toilet sockets Ø 120-125 mm (dimension "D")
► with special rubber dome gasket, completely pre-installed ready for use
► prevents the penetration of foreign bodies and bugs by drainpipes
► on the input side with contoured, light-weight and stainless steel reinforcement Ratchet for maximum flush flow volume
► our products have a DIN-compliant insertion depth of 35 mm !!!



Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Note: On our homepage "www.haas.de" you will find a video about the application / assembly.

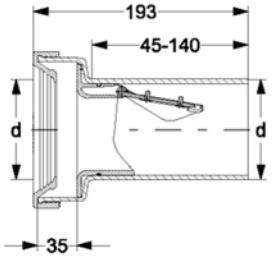
Article no.	PU	PU	PU	Colour	d:
3328	1	6	120	black	DN 90
3329	1	6	120	black	DN 110



OHA-Foreign-Rinse-Stop-Set, weldable, insertion depth 35 mm, incl. mounting accessories

For welding with PE-Pipes or for insertion into another drain pipe, incl. Flush-Pipe-Connector 45x185 mm with rubber lip-seal. Rats-barrier with plated stainless steel. Tested according to: DIN 1389 (toilet-connectors), DIN EN 997, 5.2.6 (rinse behavior), DIN EN 476, 5.5 temperature behavior and temperature changes up to 95° C.

► suitable for toilet-pipe-collar Ø 120-125 mm (dimension "D")
► with special rubber dome gasket, completely pre-installed ready for use, incl. Cover caps, eccentric washers, washers and nuts M12
► prevents the penetration of foreign particle and bugs by drainpipes
► on the input side with contoured, light-weight and stainless steel reinforcement Rat-Flap for maximum flush flow volume
► our products have a DIN-compliant insertion depth of 35 mm !!!



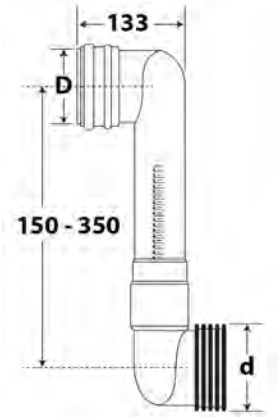
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Note: On our homepage "www.haas.de" you will find a video about the application / assembly.

Article no.	PU	PU	PU	Colour	d:	Description:
3337	1			black	DN 90	incl. mounting accessories
3338	1			black	DN 110	incl. mounting accessories

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

WC Versprungbogen



OHA-Toilet-Versprungbogen, horizontal, DN 90/110



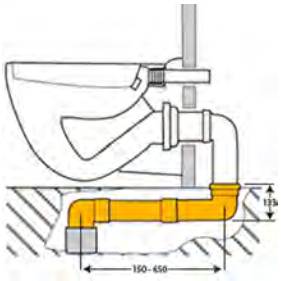
For the transition from a floor standing toilet to front wall mounting. The clean connection between the existing sewage connection and the toilet connection elbow of the new wall-hung toilet, ideal for rapid modernization. burl structure for optimum adhesive distribution and extra secure hold thanks to extra deep insertion of 4.8 cm.

► low height of 80 mm, with shrink tube as additional sealing
► with PVC adhesive and plastic part for applying the adhesive
► flexible length, adjustable on the construction site from 15 - 35 cm
► double safety by shrink tube and additional gluing
► individually packed in a polybag, incl. Installation instructions

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Note: On our homepage "www.haas.de" you will find a video about the application / assembly.

Article no.	PU	PU	PU	Colour	d:	D:
3983	1	5		grey	108 mm	90 mm



OHA-Toilet-Versprungbogen "Long-Version" DN 90/110

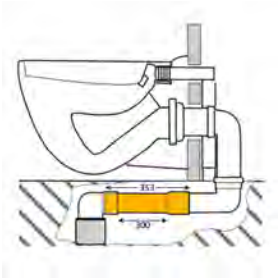


For the transition from a floor standing toilet to front wall mounting. The clean connection between the existing sewage connection and the toilet connection elbow of the new wall-hung toilet, ideal for rapid modernization. burl structure for optimum adhesive distribution and extra secure hold thanks to extra deep insertion of 4.8 cm.

► low height of 80 mm, with shrink tube as additional sealing
► with PVC adhesive and plastic part for applying the adhesive
► flexible length, adjustable on the construction site until 65 cm
► double safety by shrink tube and additional gluing
► individually packed in a polybag, incl. Installation instructions

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Length:	d:	D:
3952	1			grey	650 mm	108 mm	90 mm



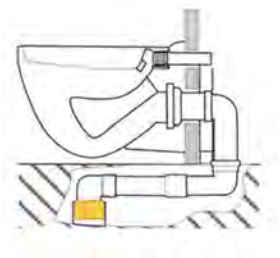
Extension for Versprungbogen and Saving-Space-Toilet-Connection "VARIO"



Straight extension 300 mm long. Individually packed in a polybag, incl. installation instructions

► one-sided with sleeve suitable for toilet bow
► complete with sandpaper, PVC adhesive and shrink tube
as 1 plastic part for applying the adhesive

Article no.	PU	PU	PU	Colour	Length:
3949	1			grey	300 mm



Slat seal for Versprungbogen DN 110



For connection of the displacement curve (item no. 3983) with different types of pipe DN 110.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm	Outer-Ø in mm:	Height in mm:
6805	10	50	150	black	85 mm	108 mm	36 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

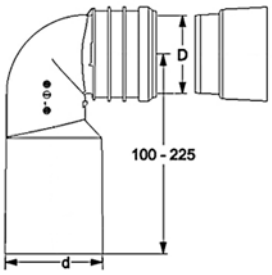


PE Wall-to-wall connection bows 90°, weldable

For welding with PE pipe or for insertion into another drain pipe, with double-lip seal.
► Temperature changes up to + 95° C

Tested according to DIN 1389 and DIN EN 476

Material: Polyethylene (HD), weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Description:
3967	1	10	200	black	Connection elbow 90/90, with building protection
3969	1	10	200	black	Connection elbow 90/110, with building protection
6621	1800	3600		grey	Building protection for WC drain bow
3906	1	10	200	black	Connection elbow 90/90, twice adjustable, with building protection
3908	1	10	200	black	Connection elbow 90/110, twice adjustable, with building protection
3917	1	10	200	black	Connection elbow 90/90, 3-way adjustable, with building protection
3919	1	10	200	black	Connection elbow 90/110, 3-way adjustable, with building protection

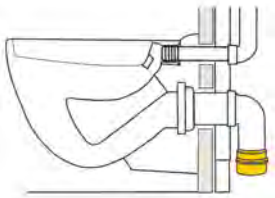


PE Transition piece for PE-Wall-Toilet- Connection elbow, weldable

With pressure thrust protection to prevent blockages at T-Connections and double-lip seal. Expanded from DN 90 to DN 110 and suitable for item no. 3967, 3906 and 3917.
► Temperature changes up to + 95° C

Tested according to DIN 1389 and DIN EN 476

Material: polyethylene, weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

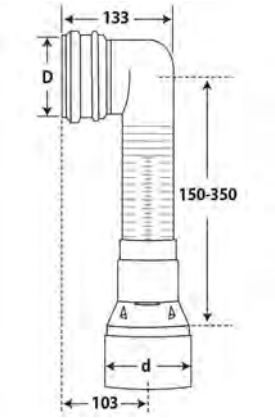


Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:	Insertion height in mm:
3980	6	336		black	90 mm	110 mm	75 mm	50 mm



Saving-Space-Toilet-Connection "VARIO", DN 90/90

The system solution for front wall elements with low space requirements! With transition to DN 90 pipe with sleeve. Complete with sandpaper, PVC adhesive and shrink tube, as well as 1 plastic part for applying the glue.
► double safety by shrink tube and additional gluing
► individually packed in a polybag, incl. Installation instructions



Article no.	PU	PU	PU	Colour	Length:	d:	D:
3950	1			grey	300 mm	86 mm	90 mm

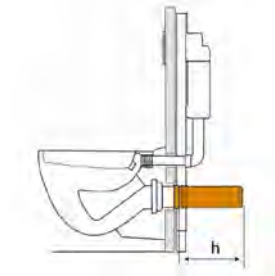


PE-OHA-Wall-mounted Toilet fittings, weldable

With double-lip seal and construction protection, total length of the connecting pieces: approx. 346 mm, double-adjustable
► Temperature changes up to + 95° C

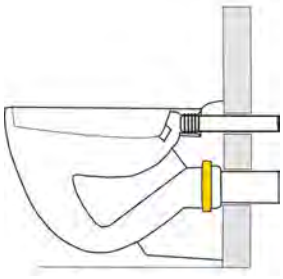
Tested according to DIN 1389 and DIN EN 476

Material: polyethylene, weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Insertion height in mm:
3963	1	10	200	black	DN 90/90	285 mm
3964	1	10	200	black	DN 90/110	285 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



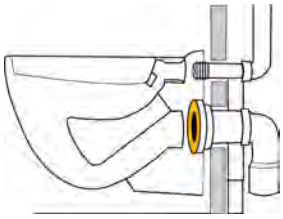
Put on Seal for Wall-Toilet-Connection lug

► suitable for item no. 3282, 3283, 3286, 3287, 3288, 3289, 3304

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3154	10	120	2400	black	81 mm	124 mm	19 mm





Rubber-Seal for Wall-Toilet-Connection lug

► suitable for item no .: 3290, 3291, 3292, 3293, 3327

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3334	10	50	150	black	73 mm	128 mm	12 mm





Toilet-Connector

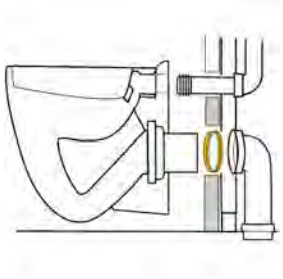
Fits: GA DN 100 socket, DN DN 125 spigot and stoneware pipe DN 125 spigot.

► suitable for item no. 3304

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3209	10	50		black	105 mm	128 mm	20 mm





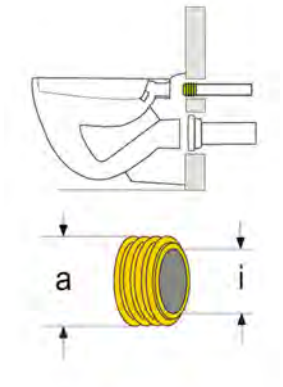
Toilet-Double-lip seal DN 90

► Suitable for our WC connection bends 90 °

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3155	10	300		black	90 mm	102 mm	10 mm





Toilet-Flush-Pipe-Connector

Flush-pipe connector for toilet with porcelain inlet sleeve 55 mm Ø, suitable for flush-mounted flush-box pipes 44 mm Ø in connection with wall-toilets.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3215	10	300		black	41 mm	60 mm	22 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



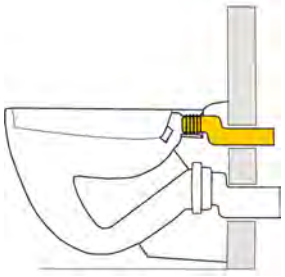
Inlet sleeve for wall-toilets, etagiert, weldable

► for toilets with inlet fitting Ø 55 mm, inside
► to overstretch
► with flush pipe connector

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

SPECIAL EXECUTION - WITHOUT WARRANTY!

Article no.	PU	PU	PU	Colour	Insertion height in mm:
3077	10			black	118 mm



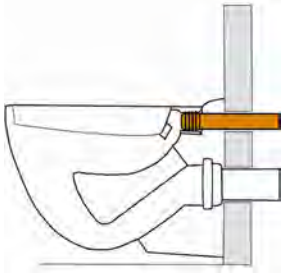


Inlet sleeve for wall-toilets, weldable

► for toilets with inlet fitting Ø 55 mm, inside
► with flush pipe connector

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Length:	Insertion height in mm:
3040	10	560		black	180 mm	160 mm
3604	10			black	300 mm	275 mm



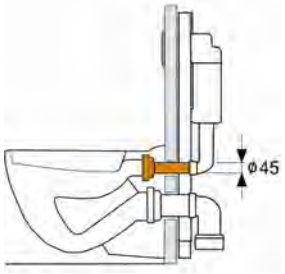


Inlet sleeve with put on seal, weldable

► suitable for toilets with inlet connection Ø 65-70 mm
► for wall-mounted toilets (old design before 1975)
► the replacement gasket item no. 3201 can be found on page 5.18

Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Length:	Insertion height in mm:
3302	1	12		black	170 mm	135 mm



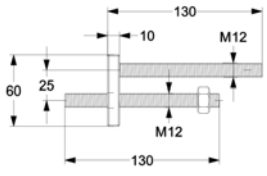


Fixing set for wall-mounted toilet flanges

Material: galvanized steel, length: 130 mm

Contents: 1 set (2 pieces), consisting of:
► base plate with fixed threaded rod M 12
► adjustable threaded rod M 12 with nut M 12

Article no.	PU	PU	PU	Colour	
3073	1	5	150	galvanized steel	





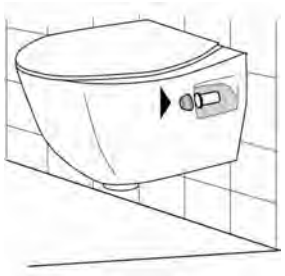
Cover caps Sets

Cover caps for wall-mounted toilet screws.

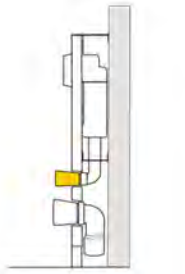
► The set contains two Cover caps in metal look and two eccentric washers

Material: made of high-impact polypropylene

Article no.	PU	PU	PU	Colour	Description:
3052	5	200		white	Plastic-Cover caps with eccentric disks
3056	5			chromed	Cover caps in metal look with eccentric disks



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



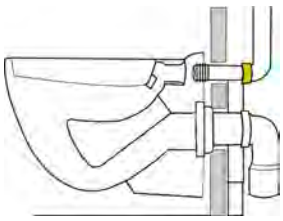
Construction protection for flush pipe Ø 44 mm

► Suitable for all common flush-mounted flushing pipes

Material: made of high-impact polypropylene

Article no.	PU	PU	PU	Colour	Total height:	Plug-in depth	Outer-Ø in mm:
6622	10	100	300	yellow	98 mm	28 mm	44 mm





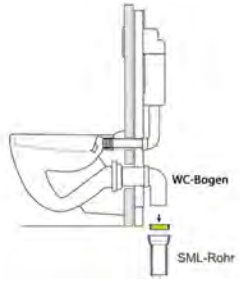
Double-Lip-Ring for Flush toilet cistern

► Suitable for Geberit® from year 2001

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:
3170	10	100		black	DN 40





Toilet-Seals for SML-Pipe

Density element for the connection of toilet drain bends to a cast-on cast tube

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
6800	5	25		black	DN 80	85 mm	99 mm	27 mm
6801	5	25		black	DN 100	105 mm	119 mm	27 mm



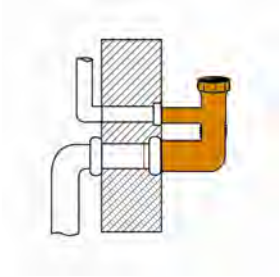
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Prüfstück 5000

Multifunctional tool for testing the tightness of front wall systems according to DIN 1986-3. The Prüfstück can be used to establish the connection between the cistern outlet pipe and the wastewater pipe. Through this connection, the flushing process can be triggered and the tightness of the system be checked.

Other advantages:
► you can install a funnel on the already connected Prüfstück for drainage the waste water
► the distance between the cistern pipe and the sewer pipe can be fixed until it is fixed
► can be used as a template for cladding with plasterboard walls
► individually packed in a sturdy carton, incl. installation instructions



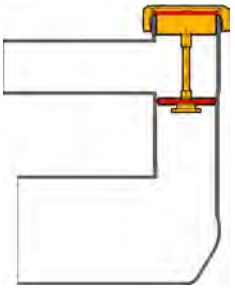
Article no.	PU	PU	PU	Colour	
5000	1	10		blue	OHA-Prüfstück 5000



Test Plug for "OHA-Prüfstück 5000"

Easy to use and assemble, practically in use.

► serves as a pressure test plug and odor seal
► individually packed in a polybag



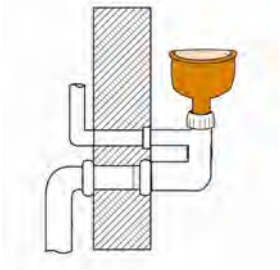
Article no.	PU	PU	PU	Colour	
5010	1	10		blue	



Funnel for OHA-Prüfstück 5000

Can be used in conjunction with the Prüfstück item no. 5000 for spouting purposes, e.g. of construction or wastewater.

► with wedge plastic ring
► individually packed in a sturdy carton, incl. installation instructions

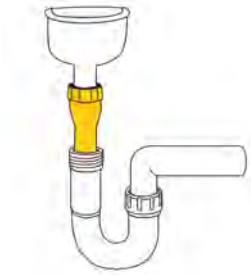


Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
5015	1	10		blue	232 mm	240 mm	152 mm



Reducer 50/40, for funnel

For connection to commercially available Siphone, with coupling nut.



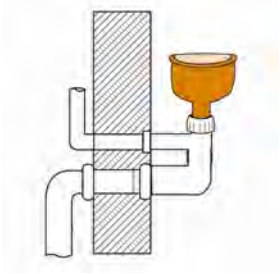
Article no.	PU	PU	PU	Colour	
5020	1	10		blue	Reducer



OHA Prüfstück Set including funnel and reducer

Multifunctional tool for testing the tightness of pre-wall systems acc. to DIN 1986-3. The test piece can be used to establish the connection between the cistern drain pipe and the wastewater pipe.Through this connection, the flushing process can be triggered and the tightness of the system can be checked.

Contents:
► 1x Art. no. 5000 OHA Prüfstück
► 1x Art. no. 5015 Funnel for OHA Prüfstück
► 1x Art.-No. 5020 Reducer 50/40 for funnel



Article no.	PU	PU	PU	Colour	
5019	1			blue	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Flushing pipe 90°

Made of high quality technical plastic, inside and outside with smooth glossy surface and bondable.

► Ø 50/44 mm

Article no.	PU	PU	PU	Colour	Size:
6270	1	30	600	white	230/230 mm
6310	1	5	100	pergamon	230/230 mm
6311	1	5	100	manhattan	230/230 mm
6312	1	5	100	bahama beige	230/230 mm
6294	50	400		white	390/350 mm
6309	1	5	45	bahama beige	390/350 mm





Flushing pipe 90° with sleeve and glue

Made of high quality technical plastic, inside and outside with smooth, glossy surface and bondable.

► Ø 44 mm

Article no.	PU	PU	PU	Colour	Size:
6273	1	20	1120	white	100/300 mm
6331	1	10		pergamon	100/300 mm
6332	1	5		manhattan	100/300 mm





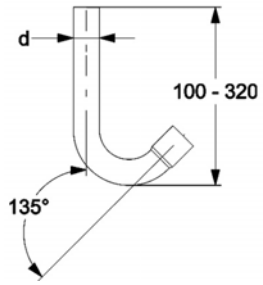
Flushing pipe 45° with sleeve and glue

Made of high quality technical plastic, inside and outside with smooth, glossy surface and bondable.

► Ø 44 mm

Article no.	PU	PU	PU	Colour	Size:
6274	1	20	1120	white	100/300 mm
6286	1	50	700	pergamon	100/300 mm
6287	1	50	700	manhattan	100/300 mm





Flushing pipe Sickle bow 135° with sleeve and glue

Made of high quality technical plastic, inside and outside with smooth, glossy surface and bondable.

► with sleeve and glue

Article no.	PU	PU	PU	Colour	Ø:	Length:
6320	1			white	44 mm	320 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Connection technology for WC and Urinal, as well as Toilet Tank Accessories

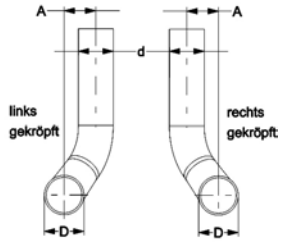
Flushing pipes



Flushing pipe 90°, cranked left and right

Made of high quality technical plastic, inside and outside with glossy surface and bondable.

► installation length: 230/210 mm



Article no.	PU	PU	PU	Colour	Ø:	Construction:
6321	1			white	44 mm	40 mm cranked left
6322	1			white	44 mm	40 mm cranked right
6323	1			white	44 mm	80 mm cranked left
6324	1			white	44 mm	80 mm cranked right



Flushing pipe extensions with sleeve and glue

Made of high quality technical plastic, inside and outside with smooth, glossy surface, with sleeve and glue.

► Ø 44 mm



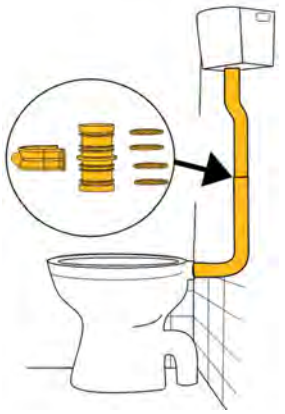
Article no.	PU	PU	PU	Colour	Length:
6277	1	20	1120	white	300 mm
6325	1	30	600	pergamon	300 mm
6326	1	24	480	manhattan	300 mm
6327	1	24	480	bahama beige	300 mm
6328	1	24	480	pergamon	500 mm
6329	1	24	480	manhattan	500 mm
6330	1	24	480	bahama beige	500 mm



Flushing pipe set for connecting half-hanging AP flushing boxes with WC

The flush pipe set consists of:

► upper cranked flushing pipe 50/44 mm Ø, 530 mm long
► with plastic connector
► with lower flushing pipe 44/44 mm Ø, 90° angle, 500 mm long, length of angled part: 220 mm
► with flush current regulator suitable for Geberit® flush tank, model 140 000 u. 140 300, 1 part
► with pipe clamp incl. integrated stop buffer for toilet lid
► and all required seals



Article no.	PU	PU	PU	Colour	
6313	1	10	200	white	



Connector for flushing pipes

Suitable for connecting flushing pipes with a diameter of 44 mm. Two EPDM round seals are installed in the lower and upper connection segments.

Material: ABS
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Compatible for flushing pipes:	Height:
6314	10	100		white	Ø 44 mm	74 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber-Flushing pipe connector up to 1978

Connector for pressure flushing pipes Ø 28/32 mm & toilet with connection 48 mm, up to approx. 1978.

Material: rubber special quality



Article no.	PU	PU	PU	Colour	Construction:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3121	10	180		white	Without cover plate	25 mm	51 mm	20 mm



Rubber-Flushing pipe connector from 1978 onwards

Connector for pressure flushing pipes Ø 28/32 mm & for Euro-Toilet with connection 55 mm, from year 1978.

Material: rubber special quality



Article no.	PU	PU	PU	Colour	Construction:	Inner-Ø: in mm:	Outer-Ø: in mm:	Height in mm:
3122	10	250		white	Without cover plate	25 mm	60 mm	24 mm
3193	10	150		white	With cover plate	25 mm	60 mm	22 mm
3222	10	250		black	Without cover plate	25 mm	60 mm	24 mm



Rubber-Flush-pipe connector "OHA-Fix"

Connector for pressure flushing pipes Ø 28/32 mm & for Euro-Toilet with connection 55-58 mm.

Material: rubber special quality



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3214	10	140		white	23 mm	60 mm	27 mm



Rubber-Flush-pipe connector "OHA-Fix"

Connector for Euro-Toilet with ½" pressure washer / flushing pipe Ø 22 mm. Suitable for connection Ø 55 mm & for export toilet with connection up to 58 mm.

Material: rubber special quality



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3213	10	250		white	17 mm	60 mm	27 mm



Rubber-Double-Flush-Pipe-Connector "Euro-Universal"

Connector for pressure flushing pipes Ø 26/28 mm, 44 mm & for Euro-toilet connection 55 mm. For pipes with a diameter of 44 mm, the inner part can be cut out with the knife. The model for low storage.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3188	10	250		white	24 / 37 mm	60 mm	25 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Connection technology for WC and Urinal, as well as Toilet Tank Accessories

Flushing pipes connector

Rubber-Unitas-Cuffs, straight



Connector for pressure flush pipe and toilet with porcelain cuff 48 mm.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Flush pipe-Ø in mm:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3111	10	130		white	28 mm	26 mm	70 mm	55 mm
3110	10	130		white	30 mm	30 mm	68 mm	54 mm



Rubber-Unitas-Angle-Cuffs



Cuff for pressure flushing pipe Ø 28/32 mm and toilet old with porcelain cuff Ø 48 mm.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3142	10	80		white	27 mm	67 mm	75 mm



Rubber-Angle-Flush pipe connector for Euro-Toilet



Connector for pressure wash pipes Ø 28/32 mm & EURO-Toilet 55 mm. Particularly suitable for narrow installation conditions or with right angle flush pipe connection.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3120	10	100		white	26,5 mm	60 mm	70 mm



Rubber-Flush pipe connector for Euro-Toilet, from 1978



Connector for low-hanging cistern, suitable for EURO toilet model with connection Ø 55 mm, and flushing pipe 44 mm, from year of construction 1978.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3125	10	100		white	40 mm	59 mm	22 mm



Rubber-Flush pipe connector



Connector for toilet with porcelain cuff Ø 48 mm and cistern flushing pipe 44 mm.

Material: rubber special quality

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3210	10	100		white	44 mm	86 mm	43 mm
3220	10	100		black	44 mm	86 mm	43 mm



Euro-Dubletta®-Toilet-Connector



Connector for toilet with porcelain inlet cuff Ø 55 mm and for flushing pipe Ø 28-32 mm and 38-45 mm.

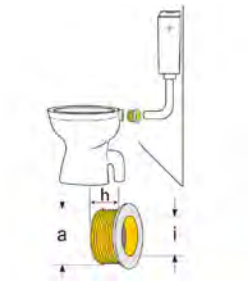
Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3172	25	300		white	23-47 mm	63 mm	26 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Flushing pipes connector



Euro-Toilet-Connector

Connector for toilet with porcelain inlet cuff Ø 55 mm, suitable for flushing pipe Ø 38-45 mm.

Material: rubber special quality

Article no.	PU	PU	PU	Colour	Construction:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3151	25	300		black	Without cover plate	38 mm	63 mm	32 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

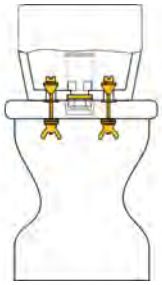


Seal kit for stand-by toilet with attached ceramic cistern

The set consists of 2x seals, 6x washers, 4x rubber flat gaskets, 1x cell rubber sealing ring, 2 x brass cylinder screws with slot and 2 x brass wing nuts.

► individually packed in a polybag

Article no.	PU	PU	PU	Colour	
7568	5	15		black	

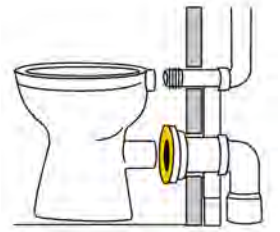




Rubber-Toilet-Seal for Stand-Toilet, white

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3013	5	15		white	73 mm	128 mm	12 mm



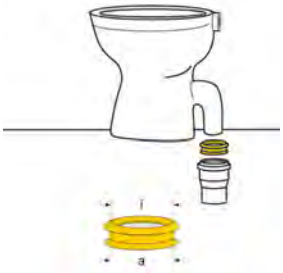


Rubber-Toilet-Outflow-Connector

Connector for toilet with internal outlet on HT-Pipe DN 100.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3141	10	80		white	92 mm	122 mm	28 mm





Rubber-Toilet-Outflow-Connector

Connector for toilet with internal outlet on cast iron sleeve DN 100.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3207	10	80		white	98 mm	125 mm	47 mm





Toilet drain connections

► for drain pipe inner diameter 103 - 110 mm
► for toilet outlet Ø 100 mm
► flow rate Ø 92 mm

Material: made of flexible soft PVC

Article no.	PU	PU	PU	Colour	Description:
3043	10	360		white	Straight, Height 105 mm
3046	10	360		white	18,5 mm Eccentric, Height 105 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Toilet drain connections

► for drain pipe inner diameter 95 - 110 mm
► for toilet outlet Ø 100 mm
► flow Ø 78mm

Material: made of flexible soft PVC

Article no.	PU	PU	PU	Colour	Description:
3041	10			white	Straight, Height 95 mm
3042	5			white	33 mm Eccentric, Height 110 mm





Toilet-Cover plates DN 110

Toilet cover plates for toilet connection elbow and connection pipes

Material: made of high-impact polypropylene

Article no.	PU	PU	PU	Colour	Description:	Height:
3020	10	30		white	Plasic-cover plate, 2-parts	100 mm
3030	15			white	Plastic-cover plate	45 mm





PE stand-Toilet connection piece - 180 mm long - with seal, weldable

► suitable for toilet pipe collar Ø 120-125 mm
► for toilet with concealed or open outlet
► with rubber put on seal and rubber transition seal

Material: made of high-quality polyethylene (PE-HD), weldable
Material (seal): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	D:	h:
3304	1	6		black	Compatile for DN 110 pipe collar	180 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Connection technology for WC and Urinal, as well as Toilet Tank Accessories

Connector for Urinal



PE-Drain-Cuff-Set for urinal with drain, weldable

► with two Cover caps in metal look and two eccentric disks
► for urinal with outlet Ø 65 mm outside
► connection pipe Ø 50 mm, with special rubber seal
► set packed in a polybag, 10 sets in a sturdy cardboard box

Article no.	PU	PU	PU	Colour	Length:
3303	6	18		black	167 mm





Rubber-Seal for Toilet- and Urinal Inlet

Rubber seal for urinal connection, suitable for Art.-No. 3302 and 3303.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3201	10			black	55 mm	85 mm	18 mm





Urinal-Inlet-Connection made of brass

Brass socket with ½" thread and detachable lip seal, gray.

► suitable for urinals with connection from the rear
► individually packed in the carton.

Article no.	PU	PU	PU	Colour	Description:
6030	10			brass	Supply fitting with lip seal



NEW

Urinal inlet fitting, plastic with ½" thread lip seal



Plastic spigot with ½" thread and detachable lip seal, gray.

► suitable for urinals with connection from behind.
► individually packed in cardboard box

Article no.	PU	PU	PU	Colour	Description:
6071	10	50		black	Inlet fitting with lip seal





Lip Seal for Urinal-Inlet-Connection

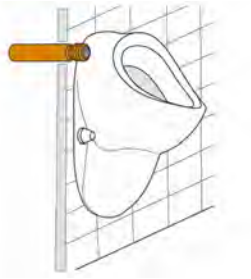
Detachable lip seal in gray,

► suitable for urinals with connection from the rear
► individually packed in the carton

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
6029	20	1000		grey	17 mm	38 mm	24 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



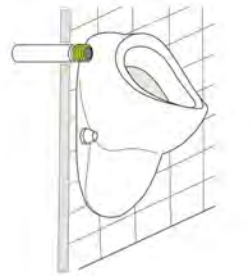
PE-Urinal inlet fitting, weldable

► with inlet connector in rubber special quality
► individually packed in a polybag

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Outer-Ø in mm:	Lenght in mm:
3982	10	50		black	32 mm	176 mm





Seal for urinal inlet fitting DN 32

Spare part suitable for PE inlet fitting item no. 3982

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3134	20	100		black	27 mm	38,5 mm	25 mm





Rubber-Urinal-Connector

Connector for Urinal pressure flushing pipes

Material: rubber special quality

Article no.	PU	PU	PU	Colour	Construction:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3190	10	50		white	Without cover plate	10 mm	35 mm	20 mm
3191	10	50		white	With cover plate	10 mm	35 mm	18 mm







Urinal-Rubber-Connector

Connector for urinal pressure flushing pipes 15-20 mm Ø.

► with chromed metal cover plate (item no. 3189)
► in rubber special quality

Article no.	PU	PU	PU	Colour	Construction:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3189	10	50		black	With cover plate	13 mm	43 mm	20 mm





Rubber-Urinal-Connector

Connector for urinal pressure flushing pipes of 12-20 mm Ø.

Material: rubber special quality

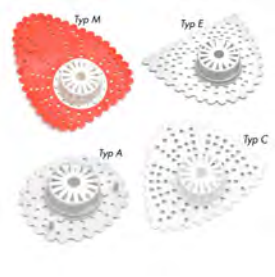
Article no.	PU	PU	PU	Colour	Construction:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3227	10	300		white	With cover plate	10 mm	42 mm	18 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Connection technology for WC and Urinal, as well as Toilet Tank Accessories

Connector for Urinal



OHA-Strainer for urinals

OHA-Strainer for urinals, in different versions.

Article no.	PU	PU	PU	Colour	Description:	Lenght:	Width:
6039	1			red/white	Piso-rein Typ M	220 mm	175 mm
6037	1			white	Piso-rein Typ E	185 mm	155 mm
6036	1			white	Piso-rein Typ C	200 mm	165 mm
6035	1			white	Piso-rein Typ A	135 mm	120 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Inner part for Grohe® urinal flush valve 505

Suitable for Grohe® urinal flush valve 505 complete for 9311987 (37017000), Ref.: 43812000

Article no.	PU	PU	PU	Colour
6033	1	5	45	brass

NEW





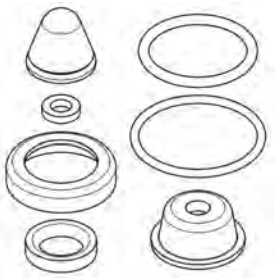
Inner part for Grohe® urinal flush 509

Suitable for Grohe® urinal flush valve 509 up to year of manufacture 1985, Ref.: 43810000

Article no.	PU	PU	PU	Colour
6034	1	5	45	brass

NEW





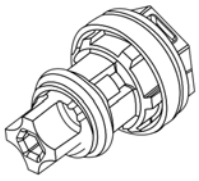
Spare parts set for Grohe® interior parts ref. no. 6033 and ref. no. 6034

Suitable for Grohe® Ref.: 43812000 and Ref.: 43810000, as well as HAAS Art.-No. 6033 and Art-No. 6034.

Article no.	PU	PU	PU	Colour
6038	1	5	45	brass

NEW





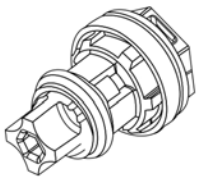
Piston for Grohe® Tectron® 6V

Suitable for Grohe® Tectron® 6V, 37640 Ref.No: 42797000

Article no.	PU	PU	PU	Colour
6043	1	5	15	light blue

NEW





Piston for Grohe® urinal flush 37339/37437

Suitable for Grohe® urinal flush 37339/37437, Ref.No: 43450000

Article no.	PU	PU	PU	Colour
6044	1	5		light blue

NEW



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW



Pre-shut-off for Grohe® Dal® concealed urinal flush valve

Suitable for Grohe® Dal® concealed urinal flush valve e.g. Ref.: 43392000.

Article no.	PU	PU	PU	Colour	
6048	1	10		brass	



NEW



Pre-shut-off for Grohe® Dal® exposed urinal flush valve chrome-plated

Suitable for Grohe® Dal® exposed urinal flush valve chrome-plated e.g. Ref.: 43393000.

Article no.	PU	PU	PU	Colour	
6049	1	10		brass	

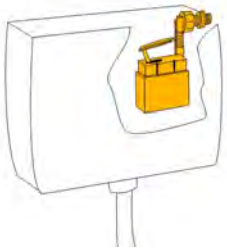




Universal cistern float valve

In solid plastic quality, easy installation, low-noise water inlet and suitable for almost all commercial flushing cisterns. As replacement valve with brass water connection ⅜". The float valve is infinitely variable for about 6 or 9 liters of water.

Article no.	PU	PU	PU	Colour	Description:
3960	1	15		white	Universal Cistern float valve 3/8“





Flushing stream regulators for high-hanging AP flushing cisterns

For retrofitting in cisterns to prevent splashing water on the toilet edge or toilet cover (bottom). Both products produce a significant noise reduction both mechanically (reduced closing noise of the float valve) and hydraulically (reduced flushing noise) !!!

Article no.	PU	PU	PU	Colour	Compatible for:
6334	10	100		white	Geberit®-Cistern, Model 140 000 u. 140 300, 1-pcs
6335	10	100		white	Geberit®-Cistern, Model 127 000, 2-pcs



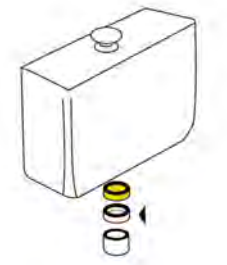


Rubber-Rings, flat

Cistern outlet pipe seal made of EPDM special quality

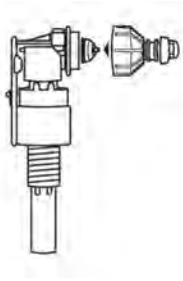
Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Compatile for:	I-Ø in mm:	A-Ø in mm:	Height in mm:
7326	25	100		black	ABU-Star®-Cistern	48 mm	54 mm	6 mm
7325	25	100		black	Geberit®-Cistern	50 mm	56 mm	6,5 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Urinal and Toilet Tank Accessories

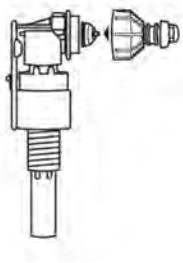


Silicone float buffer

Molded, made of high quality silicone.

Article no.	PU	PU	PU	Colour	Compatible for:	Outer-Ø in mm:	Height in mm:
8155	100	1000		blue	Geberit®-Cistern	5,0 mm	3,5 mm
8156	100	1000		red	Grohe DAL®-Cistern	7,0 x 4,0 mm	4,9 mm





Rubber float buffer

Molded, made of high quality silicone.

Article no.	PU	PU	PU	Colour	Compatible for:	Outer-Ø in mm:	Height in mm:
8157	100	1000		red		10 mm	10 mm
8158	100	1000		red	Düsseldorfer®, Mira®	9 mm	6 mm
8159	100	1000		red		9 mm	4,5 mm
8160	100	1000		red	Geberit®, Peki®	10 mm	5,5 mm





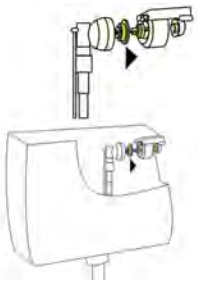
Rubber-Membrane

Suitable for ABU-STAR® cistern (low-hanging basin and corner cistern).

Material: very soft rubber special quality

Article no.	PU	PU	PU	Colour	Ø:	Strength:
4101	50	500		brown	23 mm	2,3 mm



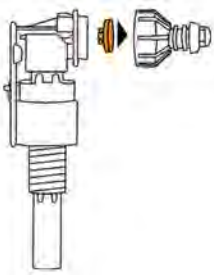


Cistern Cuffs Sets

1 set consists of:
1 x filling valve membrane
1 x plastic molding
1 x float buffer

Article no.	PU	PU	PU	Colour	Compatible for:
7527	20	100		red	Filling valve for Grohe DAL®





OKA-float membrane

Suitable for cistern models up to and including 1954.

► in very flexible rubber special quality
► Ø 26 mm, with mounted brass ring

Article no.	PU	PU	PU	Colour	Compatible for:
4118	50	500		grey	Model „JOMO®“ Hydrus 2000 D



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

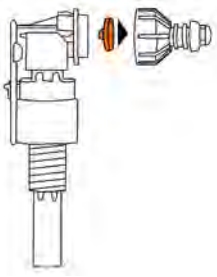


Rubber float membranes

Filling valve fitting suitable for "JOMO®" Cistern float.

► in elastic quality
► formed

Article no.	PU	PU	PU	Colour	Ø:
4134	100	500		black	18,5 mm
4135	100	500		black	21 mm

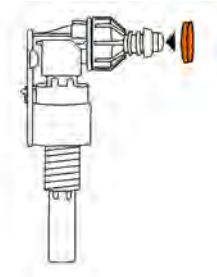




PTFE-Ring

Suitable for DAL®-Cistern.

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
6136	50	500		light	15 mm	26 mm	2 mm

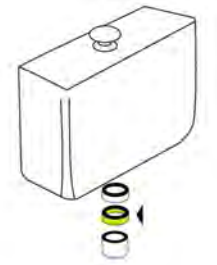




Plastic Rings

Suitable for DAL®- and ABU-STAR®-Cistern, tapering inwards.

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
6135	50	500		transp.	50 mm	55 mm	2,5 mm
6134	50	500		black	51 mm	57 mm	2 mm





Silicone Seal

The material properties prevent limescale deposits on the sealing surface, which ensures a long service life. Molded, made of high quality silicone, extremely soft, to DIN EN 681-1.

Article no.	PU	PU	PU	Colour	Compatible for:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
7294	5	100		grey	Schwab®	24 mm	64 mm	3 mm
7295	5	100		grey	Geberit®	24 mm	64 mm	3 mm
7296	5	100		grey	Geberit®	32,5 mm	64,5 mm	3 mm
7297	5	100		grey	Geberit®	32 mm	58 mm	3 mm
7293	5	100		grey	JOMO®	20,5 mm	58 mm	3 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Seals, flat for cisterns

Drain valve-rubber membranes (seals) with smooth surfaces. In elastic rubber special quality.



Article no.	PU	PU	PU	Colour	Compatible for:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
7306	25	750		black	Geberit® 110000, 110500, 110600 bis Mod. 74	23 mm	63 mm	3 mm
7355	25	750		black	Geberit® 10000, 20000 + 27000	32 mm	63 mm	3 mm
7406	25	750		black	Geberit® 25920, 25925	32 mm	58 mm	3 mm
7401	25	750		black	DAL®	29 m	65 mm	3 mm
7402	25	750		black	Schwab®	24 mm	64 mm	4 mm
7400	25	750		black	WISA® to Juli 1987	23,5 mm	65 mm	3 mm
7399	25	750		black	WISA® at Juli 1987	28,5 mm	65 mm	3 mm
7403	25	750		black	Ideal-Standard® klein	22 mm	74 mm	2 mm
7404	25	750		black	Ideal-Sstandard® groß	32 mm	80 mm	2 mm
7407	25	750		black	ABU-Star®	31 mm	62 mm	2,2 mm
7412	25	750		black	JOMO®	20,5 mm	58 mm	3 mm
7409	25	750		brown	M.P.M.P.®	26 mm	69 mm	4 mm
7421	25	750		black	WISA®	23 mm	69 mm	3 mm

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Chapter 10

Sinks, Drain Valves and Accessories





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...the general meanings and various abbreviations for pressure indications or measurements?

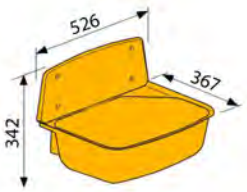
1 bar	=	100.000 Pa
1 Pa	=	0,1 mbar
1 hPa	=	1 mbar
1 at	=	1.013 mbar
1 Torr	=	133 Pa = 1,33 mbar
„bar“	=	statutory unit for pressure (within the EU)
„Pa“	=	Pascal (Unit for pressure within international units system „SI“)
„at“	=	technical atmosphere
„atü“	=	atmosphere overpressure
„Torr“	=	usual in the US

Within the EU, the use of the "unit of measure" "bar" is still allowed in addition to the international SI unit "Pascal".

Simplified, 1 bar corresponds to a water column of approx. 10 m. For example, a water pressure is required for a 15 m high building, the pump power should be >1,5 bar. The operating pressure of heating systems in 1 to 2 family houses is usually 2-2,5 bar.

Pressure tests of pipelines for gas / water supply are carried out according to DVGW 469 or DIN 1988 TRWI with the 1,1- / 1,3- / 1,43- or 1,5-times operating pressure, but at least 15 bar.

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Plastic universal sink "Greta"

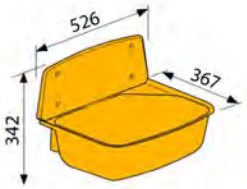
NEW

Made of impact-resistant polypropylene (= 100 % recycled material) with a capacity of approx. 14 l and splash guard. The sink saves about 2.800 grams of CO2 and about 70 kWh of primary energy.

► including drain set, screws and dowels
► Packed in a stable printed cardboard box!

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6239	1	32		grey	526 mm	342 mm	367 mm





Plastic universal sink range "Greta

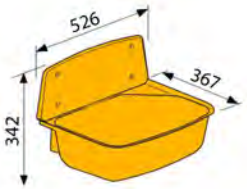
NEW

Made of impact-resistant polypropylene (=100 % recycled material) with a capacity of approx. 14 l and splash guard. The sink and the siphon saves about 3.100 grams of CO2 and about 77,5 kWh of primary energy.

► including siphon DN 50, drain set, screws and dowels
► Packed in sturdy printed cardboard box

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6243	1	32		grey	526 mm	342 mm	367 mm





Plastic universal sink range "Greta" with siphon DN 40/50

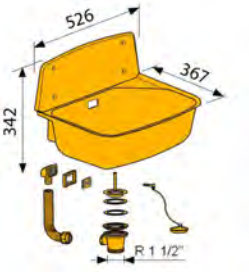
NEW

Made of impact-resistant polypropylene (=100 % recycled material) with a capacity of approx. 14 l and splash guard. The sink and the siphon saves about 3.100 grams of CO2 and about 77,5 kWh of primary energy.

► including siphon DN 40/50, drain set, screws and dowels
► Packed in sturdy printed cardboard box

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6283	1	32		grey	526 mm	342 mm	367 mm





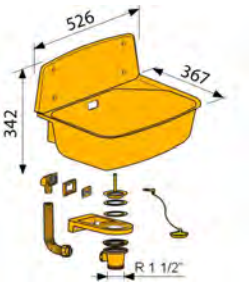
Universal Plastic Sink "Basic", white

Made of high-quality polypropylene with a capacity of approx. 14 l, complete with splash protection, drain & overflow, drain strainer, plug, chain & mounting hardware, incl. mounting template. The basin also offers a large storage area, ideal for mounting fittings, soap dispensers, etc. Ideal for outbuildings, cellar, garden and studio.

► packed in a sturdy printed carton!
► accessories: Plastic support brace, item-no. 6210

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6221	1			white	526 mm	342 mm	367 mm





Universal Plastic Sink "Marion", white

This sturdy basin made of high-quality polypropylene with a capacity of approx. 14 l is complete with splash protection, drain and overflow, washbasin holder, drain strainer, stopper, chain munting units (Screws, disks and dowels). Inclusive mounting template. The basin also offers a large storage area, which is ideal for mounting armatures, soap dispensers, etc. (The illustrated outlet armature and the Siphon are not included!). Ideal for outbuildings, cellar, garden and studio.

► packed in a sturdy printed carton!
► accessories: plastic bearing post, item no. 6210

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6200	1	32		white	526 mm	342 mm	367 mm



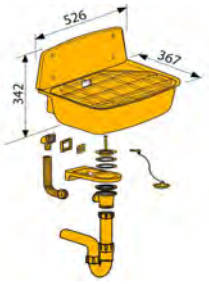


Universal Plastic Sink "Sophia“, complete with support grid and PP-Siphon 1½", white

This sturdy basin made of high-quality polypropylene with a capacity of approx. 14 l is complete with splash protection, drain and overflow, washbasin holder, drain strainer, stopper, chain munting units (Screws, disks and dowels). Inclusive mounting template. The basin also offers a large storage area, which is ideal for mounting armatures, soap dispensers, etc. ideal for outbuildings, cellar, garden and studio.

► packed in a sturdy printed carton!

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6203	1	32		white	526 mm	342 mm	367 mm



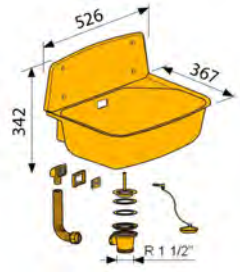


Universal Plastic Sink "Basic", granite

Made of high-quality polypropylene with a capacity of approx. 14 l, complete with splash protection, drain & overflow, drain strainer, plug, chain & mounting hardware, incl. mounting template. The basin also offers a large storage area, ideal for mounting fittings, soap dispensers, etc. Ideal for outbuildings, cellar, garden and studio.

► packed in a sturdy printed carton!
► accessories: Plastic support brace, item-no. 6210

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6222	1	32		granite	526 mm	342 mm	367 mm



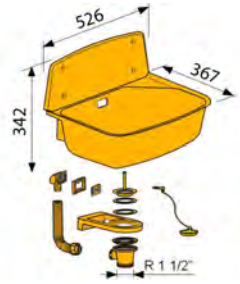


Universal Plastic Sink "Astrid", granite

This sturdy basin made of high-quality polypropylene with a capacity of approx. 14 l is complete with splash protection, drain and overflow, washbasin holder, drain strainer, stopper, chain munting units (Screws, disks and dowels). Inclusive mounting template. The basin also offers a large storage area, which is ideal for mounting armatures, soap dispensers, etc. ideal for outbuildings, cellar, garden and studio.

► packed in a sturdy printed carton!
► accessories: plastic bearing post, item no. 6230

Article no.	PU	PU	PU	Colour	Widt in mm:	Height in mm:	Depth in mm:
6205	1	32		granite	526 mm	342 mm	367 mm



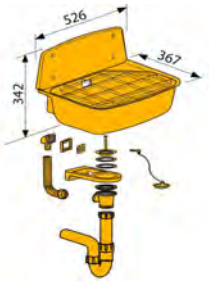


Universal Plastic Sink "Lisa“, complete with support grid and PP-Siphon 1½", granite color

This sturdy basin made of high-quality polypropylene with a capacity of approx. 14 l is complete with splash protection, drain and overflow, washbasin holder, drain strainer, stopper, chain munting units (Screws, disks and dowels). Inclusive mounting template. The basin also offers a large storage area, which is ideal for mounting armatures, soap dispensers, etc. ideal for outbuildings, cellar, garden and studio.

► packed in a sturdy printed carton!

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6231	1	32		granite	526 mm	342 mm	367 mm



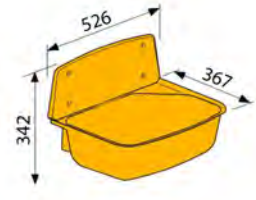


Universal Plastic Sink "Nina", black

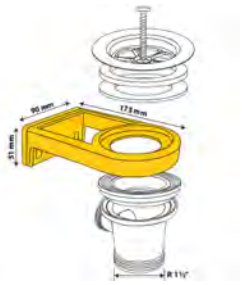
The alternative for the enamel sink

► including drain fitting, screws and dowels

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6197	1	32		black	526 mm	342 mm	367 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Wall bracket for Sink "Nina" with Screws and Dowels

The wall bracket serves to reinforce the spout and prevents the screws from splashing out of the spout.

► incl. Screws and Dowels
► compatible for item no. 6197

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6238	1			black	90 mm	51 mm	175 mm



NEW

PP recycling support grate "Greta

Made of impact-resistant polypropylene (= 100% recycled material). The support grate saves approx. 529 grams of CO2 and approx. 13.24 kWh of primary energy.

► Packed in a sturdy printed cardboard box!

Article no.	PU	PU	PU	Colour	Compatible for:
6214	1	10		grey	Plastic universal sink of the "Greta" series

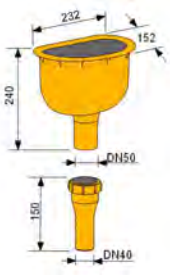


Support grid for Universal-Plastic-Sink

► suitable for our plastic sinks
► made of impact resistant polypropylene
► individually packed in a sturdy carton

Article no.	PU	PU	PU	Colour	Compatible for:
6230	1	10	200	granite	Sink granite
6210	1	10		white	Sink white
6223	1	10		black	Sink black





Plastic Sink "Roland“

Made of high-quality polypropylene, equipped with nut, wedge plastic ring and reducer DN 50 / DN 40, thus suitable for wastewater pipes with a diameter of 40 mm and 50 mm.

► Space saving variant, ideal for tight spaces!
► individually packed in a sturdy carton!

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6220	1			white	232 mm	240 mm	152 mm



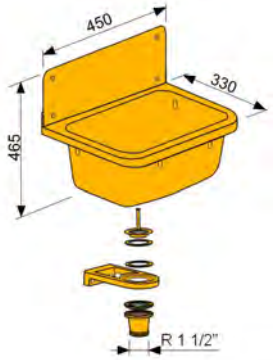


Stainless steel Sink "Anita" with splash protection

Modern design with satin finish. With complete fixing material, washbasin holder and assembly instructions.

► capacity: approx. 14 l
► with splash guard, drain valve 1½ " and stainless steel strainer
► made of material no. 1.4301 (V2A)
► individually packed in a sturdy printed cardboard box!

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6260	1	24		stainless steel	450 mm	465 mm	330 mm





Stainless steel Sink "Adrian", Complete with stainless steel support grid and PP siphon 1½ "

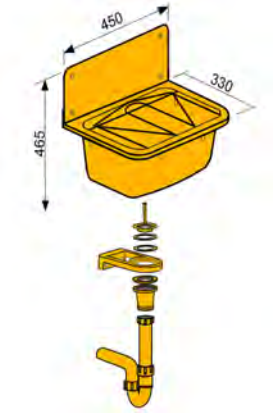
Modern design with satin finish. With complete fixing material, washbasin holder and assembly instructions.

► capacity: approx. 14 l
► with splash guard, drain valve 1½" and stainless steel strainer
► packed in a sturdy, printed carton!

Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
6204	1	24		stainless steel	450 mm	465 mm	330 mm

The content is composed of:

	piece:	description:
6260	1	Stainless steel sink "Anita" with rear wall
6285	1	Support grid for Art.-Nr. 6260
2865	1	PP-Siphon 1 1/2" with cover plate, DN 50, white





Support grid for Stainless steel Sink

► suitable for stainless steel sink "Anita" and "Adrian"
► made of stainless steel, material no. 1.4301 - stainless steel (V2A
► very stable, good load capacity

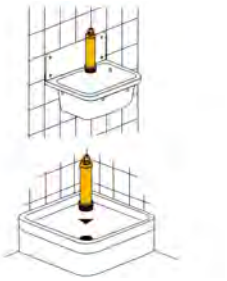
Article no.	PU	PU	PU	Colour	Compatible for:
6285	1	10		stainless steel	Sink "Anita" and "Adrian"

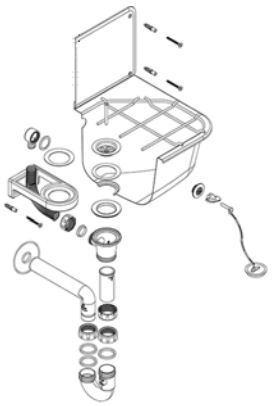


Standpipes 1½ "

► suitable for 45 mm Ø draining screen, for sinks without overflow and shower trays
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Height:	Description:
2728	1	10		chrome	13,5 cm	Made of brass, chromed
6212	1	10		chrome	13,5 cm	Made of plastic, chromed
6218	1	10		transp.	13,5 cm	Made of plastic





Universal-Sink made of stainless steel "Leon"

Modern design with satin finish. The basin also has a large storage area, which is ideal for mounting fittings, soap dispensers, etc.

► capacity: approx. 15 L
► with splash guard and wall bracket
► with waste and overflow set
► with complete Mounting set and drilling template.
► made of material no. 1.4301 (V2A)
► packed in a robust printed carton!



Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
7000	1	24		stainless steel	490 mm	465 mm	360 mm



Universal-Sink made of stainless steel "Wolfgang“ with click-comfort

Modern design with satin finish. The basin also has a large storage area, which is ideal for mounting fittings, soap dispensers, etc.

► with click comfort
► capacity: approx. 15 L
► with splash guard and wall bracket
► with waste and overflow set
► with complete Mounting set and drilling template.
► made of material no. 1.4301 (V2A)
► packed in a robust printed carton!



Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
7010	1	24		stainless steel	490 mm	465 mm	360 mm

The content is composed of:

Item:	Piece:	Description:
7000	1	Stainless steel universal sink "Leon" with waste and overflow
2714	1	Outlet "click-comfort", with overflow, 63 mm



Universal-Sink made of stainless steel „Christiane“

Modern design with satin finish. The basin also has a large storage area, which is ideal for mounting fittings, soap dispensers, etc.

► with siphon and bearing
► capacity: approx. 15 L
► with splash guard and wall bracket
► with waste and overflow set
► with compl. Mounting set and drilling template
► made of material no. 1.4301 (V2A)
► packed in a robust printed carton!



Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
7020	1	24		stainless steel	490 mm	465 mm	360 mm

The content is composed of:

Item:	Piece:	Description:
7000	1	Stainless steel universal sink "Leon" with waste and overflow
2867	1	PP spout siphon 1 1/2 "with rosette, DN 40/50 white
7001	1	Shelf for stainless steel universal basins Art.-No. 7000,7010,7020 & 7030

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Universal-Sink made of stainless steel „Kirsten“

Modern design with satin finish. The basin also has a large storage area, which is ideal for mounting fittings, soap dispensers, etc.

► complete with siphon, bearing and fitting
► capacity: approx. 15 L
► with splash guard and wall bracket
► with waste and overflow set
► with compl. Mounting set and drilling template
► made of material no. 1.4301 (V2A)
► packed in a robust printed cardboard box



Article no.	PU	PU	PU	Colour	Width in mm:	Height in mm:	Depth in mm:
7030	1	24		stainless steel	490 mm	465mm	360 mm

The content is composed of:

Item:	Piece:	Description:
7000	1	Stainless steel universal sink "Leon" with waste and overflow
2867	1	PP spout siphon 1 1/2 "with rosette, DN 40/50, white
7001	1	Shelf for stainless steel universal basins Art.-No. 7000,7010,7020 & 7030
2378	1	Single lever fitting with drain fitting



Shelf for Universal-Sink made of stainless steel

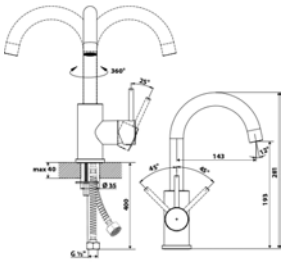
► compatible for stainless steel universal sinks item no. 7000,7010,7020 and 7030
► stainless steel, non-rusting
► very stable, good load bearing capacity

Article no.	PU	PU	PU	Colour	
7001	1	10		stainless steel	



OHA-Single-Lever-Armature "Speziale"

High-pressure fitting 280 mm high, with two connections for hot and cold water. With assembly material and seal set and union nut 1½ ".
► with 1¼ "pop-up waste, shaft length 70 mm, valve A-Ø 62 mm and sealing plug 40 mm
► Swivel spout: 360 °, with two flexible connection hoses 400 mm long
► Branded aerator IG 21 mm, fitting armature AG 21 mm
► Among other things, suitable for washbasins Art.-No .: 7000, 7010, 7020, 7030



Article no.	PU	PU	PU	Colour	
2378	1	10		chrome	

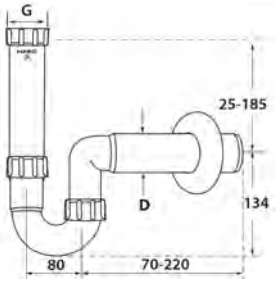


Sink siphon 1½"

Made of impact-resistant polypropylene, with drainpipe, 240 mm long and height-adjustable dip tube.

► complete with seals, rosette and assembly instructions
► individually packed in a polybag

According to DIN EN 274 - 1: 2002 - 05



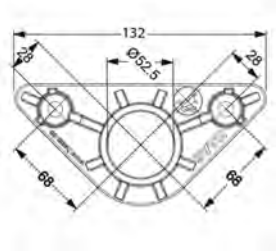
Article no.	PU	PU	PU	Colour	d:	Thread:
2860	15	300		white	DN 40	1½"
2865	20			white	DN 50	1½"



Sink reinforcement for Armatures

Subbase triangle for armatures, suitable for stainless steel rinses. Mounting on the bottom of the sink.

► compatible for item no. 7000, 7010, 7020 and 7030
► Material: polypropylene



Article no.	PU	PU	PU	Colour	
7007	1	5		black	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



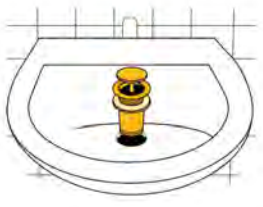
Pop-up "click-comfort" 1¼"

► made of brass chromed, highly polish

► with overflow
► suitable for bathtub or sink
► individually packed in a carton



Article no.	PU	PU	PU	Colour	Construction:	Closure-Ø:	Valve Length:
2710	1	10		chrome	With overflow	72 mm	70 mm
2711	1	10		chrome	With overflow	63 mm	50 mm



Pop-up "click-comfort" 1¼"

► made of brass chromed, highly polish
► suitable for sink
► individually packed in a carton



Article no.	PU	PU	PU	Colour	Construction:	Closure-Ø:	Valve Length:
2712	1	10		chrome	Without overflow	63 mm	50 mm
2714	1	10		chromed	With overflow	63 mm	70 mm
2718	1	10		chrome	Without overflow	63 mm	70 mm



Pop-up "click-comfort" 1¼"

► suitable for bathtubs in the version 72 mm
► suitable for sinks in the version 63 mm
► made of brass chromed, highly polish with shank nut
► individually packed in a carton



Article no.	PU	PU	PU	Colour	Construction:	Closure-Ø:	Valve Length:
2719	1	10		chrome	With overflow	72 mm	70 mm
2720	1	10		chrome	Without overflow	72 mm	70 mm
2721	1	10		chrome	With overflow	63 mm	70 mm
2722	1	10		chrome	Without overflow	63 mm	70 mm
2726	1	10		chrome	Without overflow	72 mm	50 mm



Pop-up "click-comfort" 1¼"

► made of brass chromed, highly polish with shank nut
► individually packed in a carton



Article no.	PU	PU	PU	Colour	Construction:	Closure-Ø:	Valve Length:
2723	1	10		chrome	With overflow	40 mm	70 mm
2725	1	10		chrome	Without overflow	40 mm	50 mm
2724	1	10		chrome	Without overflow	40 mm	70 mm



Pop-up 1¼ ", with rigid Closure

► made of brass chromed, highly polish
► with shank nut
► suitable for shower
► individually packed in a carton



Article no.	PU	PU	PU	Colour	Version:	Closure-Ø:	Valve length:
2713	1	10		chrome	Without overflow	72 mm	73 mm
2727	1	10		chrome	Without overflow	72 mm	50 mm
2730	1	10		chrome	Without overflow	63 mm	70 mm (NEW)

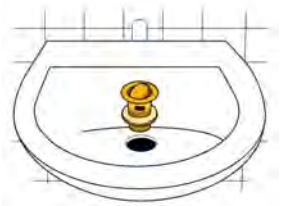
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Pop-up "twist-comfort" 1¼"

► made of brass chromed, highly polish
► individually packed in a carton

Article no.	PU	PU	PU	Colour	Construction:	Closure-Ø:	Valve Length:
2761	1	10		chrome	With overflow	40 mm	70 mm
2762	1	10		chrome	Without overflow	40 mm	70 mm



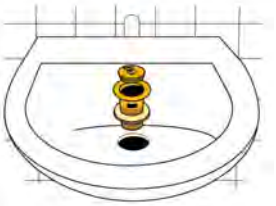


Pop-up with valve plug, chromed 1¼"

Drain fittings, brass chromed with trapezoidal drain holes, shank nut, overflow and gasket.

► drain plug chromed
► individually packed in a carton

Article no.	PU	PU	PU	Colour	Construction:	Closure-Ø:	Valve Length:
2763	1	10		chrome	With overflow	40 mm	85 mm
2765	1	10		chrome	With overflow	40 mm	70 mm

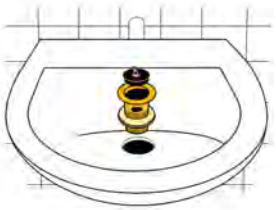




Pop-up with valve plug 1¼"

► made of brass chromed
► with shank nut
► individually packed in a carton

Article no.	PU	PU	PU	Colour	Construction:	Closure-Ø:	Valve Length:
2764	1	10		chrome	With overflow	40 mm	85 mm

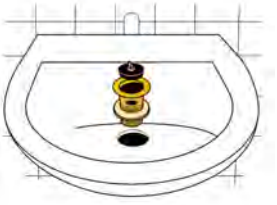




Pop-up with valve plug 1¼"

► made of brass chromed, highly polish
► shank length 70 mm
► suitable for sinks
► individually packed in a carton

Article no.	PU	PU	PU	Colour	Construction:	Closure-Ø:	Valve Length:
2081	1	10		chrome	With overflow	40 mm	70 mm



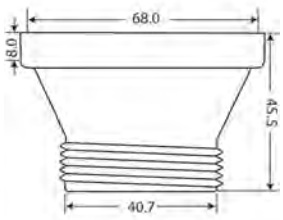


Pop-up 1¼"

► made of brass, with valve plug and gasket
► screen made of stainless steel

Article no.	PU	PU	PU	Colour	Construction:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2717	1	5		chrome	With round drain holes	33 mm	62 mm	15 mm





Drain and siphon adapter for Ikea® sinks 1½", grey

NEW

Finally connect an IKEA® sink to a siphon. With the drain and siphon adapter for Ikea® sinks 1½" by HAAS - no problem! Made of impact-resistant polypropylene (= 100% recycled material). The adapter saves approx. 41.44 grams of CO2 and approx. 1.036 kWh of primary energy.

Article no.	PU	PU	PU	Colour	
2021	1	10		grey	





Universal Drain valve for sinks

► made of impact resistant polypropylene
► with stainless steel screen
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Size:
2050	5	25		white	1½"





Universal Drain valve for sinks

► made of impact resistant polypropylene
► with stainless steel screen
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Size:
2052	5	25		black	1½"





Plastic drain valve 1½" for sinks

NEW

Made of impact-resistant polypropylene (= 100% recycled material). The drain valve saves approx. 35 grams of CO2 and 0,88 kWh of primary energy.
► with stainless steel strainer
► individually packed in polybag

Article no.	PU	PU	PU	Colour	Size:
2053	5	25		grey	1½"





Pop-up 1½" for Sinks

► with valve top made of stainless steel
► with key ring Ø 25 mm and valve plug Ø 45.5 mm
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Size:
1940	5	25		white	1½"



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Drain and overflow valves 1½ "complete, for plastic sinks

Made of impact-resistant polypropylene, with drain and overflow strainer made of stainless steel, including valve plug, ball chain (30 cm long) and chain holder

► individually packed in a polybag
► according to DIN



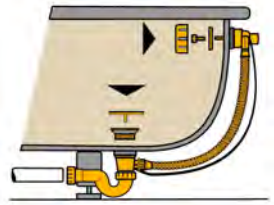
Article no.	PU	PU	PU	Colour	
2018	1	10		white	Also suitable for circular wash basins
2066	1	10		white	Suitable for the spout "Marion", "Astrid", "Sophia" and "Lisa"



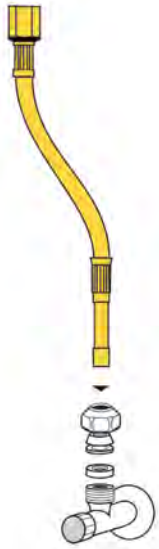
Bathtub Outlet and overflow set, brass chromed

High-quality design with eccentric connection and outlet valve connection made of brass chromed.

► individually packed in a carton
► according to DIN



Article no.	PU	PU	PU	Colour	
2660	1	5		chrome	



Flexible connection hoses for armatures

Flexible connection hoses made of silicone with stainless steel braiding in various designs.



Article no.	PU	PU	PU	Colour	Version 1:	Version 2:	Length:
2339	1			stainless steel	union nut 3/8"	union nut 3/8"	500 mm
2340	1			stainless steel	union nut 1/2"	pipe socket 10 mm	300 mm
2342	1			stainless steel	union nut 1/2"	union nut 1/2"	500 mm
2343	1			stainless steel	union nut 1/2"	union nut 1/2"	300 mm
2344	1			stainless steel	union nut 3/8"	pipe socket 10 mm	300 mm
2345	1			stainless steel	union nut 3/8"	pipe socket 8 mm	500 mm
2346	1			stainless steel	union nut 3/8"	union nut 1/2"	300 mm
2347	1			stainless steel	union nut 3/8"	union nut 1/2"	500 mm

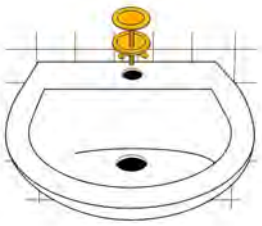
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Tap hole cover, light version, Ø 44 mm

- ► suitable for wash basins
- ► closure chromed, high polish
- ► with plastic protective cap
- ► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Description:
5215	5	25		chrome	Tap hole cover

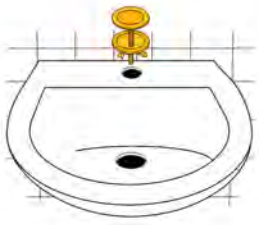




Tap hole cover, heavy version, Ø 50 mm

- ► suitable for washbasins, made of brass
- ► chromed cover with plastic protective cap
- ► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Description:
5216	10	50		chrome	With chromed cover
5217	10	50		white	With white cover

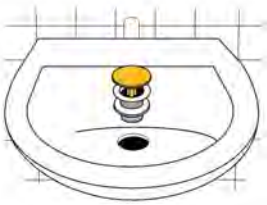




Excenter plug "Universal"

- ► chromed cover
- ► with plastic cap
- ► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Size:
2729	10	50		chrome	1¼"

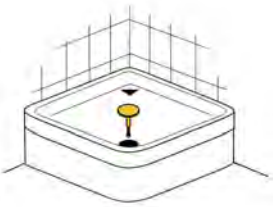




Valve for bath and shower tray drains

- ► made of brass chromed, highly polish
- ► with rubber seal
- ► adjustable by height screw, shaft thickness 8.9 mm
- ► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Outer-Ø in mm:
2661	10	50		chrome	43,5 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Closure Seal for click-comfort Drainage System 1¼"

► replacement seal for the cover of the "click-comfort" drain fittings.
► suitable for the item no .: 2714, 2718, 2719, 2722, 2723, 2724, 2725 and 2726
► packed in a polybag

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3137	5	25		black	1¼"	30 mm	37 mm	4 mm



Closure Seal for click-comfort Drainage System 1¼ "

► replacement seal for the lid of the "click-comfort" drainage systems.
► suitable for the item no. 2710, 2711, 2714, 2718, 2720, 2721, 2722, 2723, 2724, 2725 and 2726
► packed in a polybag

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3124	5	25		black	31 mm	37 mm	4 mm



Drain-Sealing-Set 1¼"

Spare parts set for "click-comfort" drain valves. Consists of 1x plastic gasket 42 x 64 x 5.5 mm and 1x foam seal 43 x 60 x 5 mm.

► packed in a polybag



Article no.	PU	PU	PU	Colour	
3119	10	50		white	



Conical rubber seals for drain valves

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size, compatible for:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3138	10	50		white	1¼", Sinks	40 mm	58 mm	11 mm
3140	10	50		white	1½", Sinks, Shower, Bathtubs	45 mm	67 mm	11 mm



Rubber flat gaskets for drain valve

► suitable for washbasin and bathtub valves as sealing of the valve plate in the drain hole
► in white rubber special quality

Article no.	PU	PU	PU	Colour	Size, compatible for:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
7328	10	50		white	1¼", Sinks	42 mm	62 mm	1 mm
7329	10	50		white	1½", Sinks, Shower, Bathtubs	45 mm	70 mm	1 mm



Spare seal for drain valves

► in soft rubber special quality



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
6110	10	50		white	47 mm	72 mm	8 mm

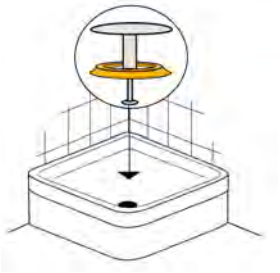
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Valve cone seal

► suitable for valve cone item no. 2661
► in black rubber special quality

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3253	10	50		black	27 mm	44 mm	5 mm

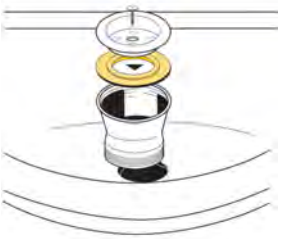




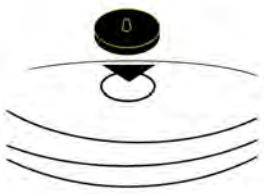
Outlet valve seal 50 x 70 mm

► suitable for drain valve base with half-burr groove.
► in TPE special quality

Article no.	PU	PU	PU	Colour	Compatible for Model:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
6175	10	50		black	SCHEFFER® and VIEGENER®	50 mm	70 mm	3 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

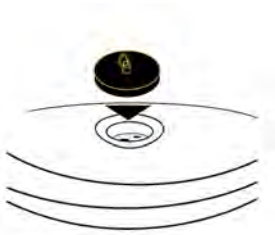


Valve plugs "Comfort" for drains

Fitted with stainless steel triangle brackets and embossed upper Ø in mm.



Article no.	PU	PU	PU	Colour	Upper Ø:
6140	10	900		black	29,5 mm
6142	10	900		black	36,0 mm
6143	10	900		black	38,5 mm
6144	10	800		black	40,5 mm
6145	10	600		black	43,5 mm
6146	10	600		black	45,5 mm
6147	10	600		black	48,5 mm
6148	10	600		black	50,5 mm

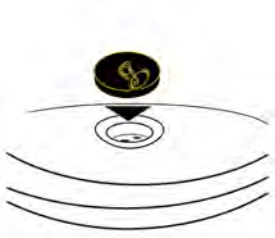


Valve plug "Comfort" with magnet

Fitted with stainless steel triangle brackets and integrated magnetic ring.



Article no.	PU	PU	PU	Colour	Size:	Compatible for:
6155	10	400		black	45,5 mm	Steel bathtubs and enamelled sinks
6156	10	400		black	43,5 mm	Steel bathtubs and enamelled sinks

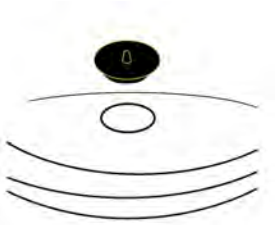


Valve plugs with large split pin (hand ring)

Rinsing plug for drain valve 1½" , suitable for 45.5 mm drain valves.



Article no.	PU	PU	PU	Colour	Description:
6152	10	400		black	With 30 mm large splintring
6153	10	400		black	With triangular bracket



Universal-Valve plug

Light version, fitted with stainless steel triangle brackets, suitable for valves from 32 mm upper diameter.



Article no.	PU	PU	PU	Colour	Description:
6158	10	400		black	Universal-Valve plug



Ball chains, on both sides with split ring

► made of brass chromed



Article no.	PU	PU	PU	Colour	Lenght:	Compatible for:
5250	10	500		chrome	30 cm	Sink
5253	10	500		chrome	40 cm	Sink
5252	10	500		chrome	50 cm	Bathtubes
5249	10	500		chrome	60 cm	Bathtubes

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Stainless steel drainage strainer

► stainless steel strainer

Article no.	PU	PU	PU	Colour	Construction:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2003	5	50		stainless steel	Spare drain strainer with trapezoidal recesses	44 mm	70 mm	14,6 mm





Stainless steel drainage strainer

Removable or hair strainer made of stainless steel, for insertion in the drain valve for sinks, wash basins, shower and bathtubs.

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Compatible for:
6190	10	100		stainless steel	43 mm	72 mm	Sinks, Shower and Bathtub drain valve 1½"
6191	10	100		stainless steel	47 mm	82 mm	Sinks, Shower and Bathtube drain valve with handle





Plastic drainage strainer

Removable or hair strainer made of stainless steel, for insertion in the drain valve for sinks, wash basins, shower and bathtubs.

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Compatible for:
6195	10	100		white	32 mm	60 mm	WB-drain valve1¼"
6196	10	100		white	46 mm	70 mm	Sinks, Shower and Bathtub drain valve 1½"
6198	10	100		chrome	32 mm	60 mm	WB-drain valve 1¼"
6199	10	100		chrome	46 mm	70 mm	Sinks, Shower and Bathtub drain valve 1½"





Installation wrench for Overflow Strainer in Sinks made of stainless steel

Installation wrench for Overflow Strainer in Sinks made of stainless steel.

Article no.	PU	PU	PU	Colour	
3105	1			black	

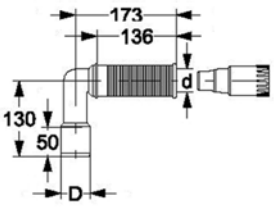


HT-Terminal bracket DN 50/32

With rubber nipple for siphon drainpipes DN 32, as well as universal plastic building pots. The grooves in the connection angle facilitate the sawing to the wall.

► according to DIN EN

Article no.	PU	PU	PU	Colour	d:	D:
6650	5			grey	DN 32/40/50	DN 40/50



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Chapter 11
Installation- and Sealants





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Sealing Flax "MAZZONI" - Rapunzel's plait (installation hemp)

For gas, water and steam lines. Delivery only in packaging unit per 12,5 kg.

► 1 plait = approx. 200 grams - 5 plaits = approx. 1 kg
► 1 collar = approx. 12.5 kg (= minimum quantity), 1 bale = approx. 50 kg.

Article no.	PU	PU	PU	Colour	Description:
5315	12,5			natural	Sealing flax



Sealing Flax Coil "MAZZONI" - 80g (installation hemp)

► suitable for our flax dispenser item no. 5299
► the flax threads are removed from above
► without dispenser

Article no.	PU	PU	PU	Colour	Content:
5297	10	80		natural	approx. 80 g



Sealing Flax Coil "MAZZONI" (installation hemp)

Mazzoni-sealing flax wound on coil (about 80 g), wound on cardboard roll.

► suitable for our flax dispensers item no. 5300, 5307 and 5309.

Article no.	PU	PU	PU	Colour	
5308	10	150		natural	



Sealing flax ball (installation hemp)

► in a practical, handy presentation
► the tape runs from the inside out of a shrunken ball

Article no.	PU	PU	PU	Colour	Content:
5294	8	64		natural	100 g
5293	8	32		natural	165 g



Flax-Dispenser "MAZZONI" with Sealing-Flax, 40g (installation hemp)

For gas, water and steam pipes. Especially handy processing, with approx. 40 g Mazzoni-sealing flax roll.

► Dispenser and Mazzoni flax roll completely packaged
► replacement flax rolls can be ordered separately (item no. 5296)

Article no.	PU	PU	PU	Colour	
5298	25	75			



Flax-Dispenser with flax roll 80g (installation hemp)

For gas, water and steam lines

► incl. Flax roll item no. 5297
► replacement flax rolls can be ordered separately (item no. 5297)

Article no.	PU	PU	PU	Colour	
5299	16	48			



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Flax-Dispenser made of plastic

Flax dispenser made of plastic with a cap, the cheap alternative!

► suitable for our flax coils item no. 5308
► without flax coil

Article no.	PU	PU	PU	Colour	
5300	5	50		grey	



OHA-Flax-Dispenser "Meku"

Solid flax dispenser made of metal, fully galvanized, with two plastic cover caps.

► suitable for our flax coils item no. 5308
► without flax coil

Article no.	PU	PU	PU	Colour	
5309	1	10		silver	

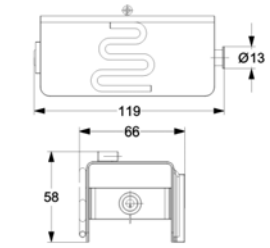


OHA-Flax-Dispenser made of metal

The base plate of the flax dispenser can be mounted on or under the workbench as well as its end face. The flax dispenser (made of steel, fully galvanized) can be removed from the base plate at any time, so that a flexible use is ensured.

► suitable for our flax coils item no. 5308
► without flax coil

Article no.	PU	PU	PU	Colour	
5307	1	10		silver	



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

PTFE-Thread-Sealing-Tapes, standard



The sealant for threaded connections, water-repellent, corrosion-resistant. PTFE is well resistant to most chemicals, especially acids, bases, oils, benzines, alcohols, etc.

► suitable for temperature range from -100° C to +260° C
► on coils of 12 m length, 0.08 mm thick.

Article no.	PU	PU	PU	Colour	Band width:
5347	10	200		white	6 mm

PTFE-Thread-Sealing-Tapes, DIN-DVGW "GRp" (for coarse thread)



Sealing material for threads, also approved for the use of gas connections. PTFE is well resistant to most chemicals, especially acids, bases, oils, benzines, alcohols, etc.

► DVGW approved, tested according to DIN 751-3
► suitable for temperature range from -200° C to +260° C
► on coils of 12 m length, 0.10 mm thick.

Article no.	PU	PU	PU	Colour	Band width:
5356	10	250		white	12 mm
5346	10	250		white	6 mm (NEW)

PTFE-Thread-Sealing-Tapes, DIN-DVGW "FRp" (for fine thread)



Sealing material for threads, also approved for the use of gas connections. PTFE is well resistant to most chemicals, especially acids, bases, oils, benzines, alcohol, etc.

► DVGW approved, tested according to DIN 751-3
► suitable for temperature range from -200° C to +260° C
► on coils of 12 m length, 0.10 mm thick.

Article no.	PU	PU	PU	Colour	Band width:
5358	10	250		white	12 mm
5348	10	250		white	6 mm (NEW)

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Thread-Sealing-Paste, DIN and DVGW

Non-curing sealing paste tested for metal threaded connections of the house installation, the gas and drinking water supply as well as heating systems. Use with hemp.

► gliding function, non-hardening
► tested to DIN EN 751-2 Class A Rp & DIN 30660 as well as UBA/KTW-tested for drinking water and approved!
► manufactured on the basis of the recipe of the "Locher-Paste®"

Article no.	PU	PU	PU	Colour	Content:
5373	5			grey	Tube 90 g
5378	1			grey	Can 400 g
5379	1			grey	Can 800 g



Grease for Gas Fittings

Faucet grease for propane and natural gas for the lubrication of fittings and sealing elements. Application temperature range from -20° C to +150° C. According to DIN EN 377 DVGW tested and approved as lubricant for gas appliances (5162).

Article no.	PU	PU	PU	Colour	Content:
5375	1			beige	Tube 50 g



OHA-Grease for Fittings

Transparent high-temperature grease with particularly good media resistance for the lubrication of sliding points in the hot and cold water range, reduction of friction and wear even at high temperatures and loads, protection against corrosion. Lubricant for rubber O-rings made of mineral oil-qualities. Application temperature range from -15° C to +180° C.

► not suitable for the food sector!

Article no.	PU	PU	PU	Colour	Content:
5304	10			transp.	Tube 7 ml
5312	5			transp.	Tube 25 ml
5314	1			transp.	Can 200 g



OHA-Special-Grease for O-Rings

Based on silicone, resistant to hot & cold water, highly adhesive and sealing, good rubber & plastic compatibility. Working temperature from -40° C to +200° C. For the lubrication of stuffing boxes, O-rings, valve & slide seals. Corresponds to the requirements of the guideline for hygienic assessment of lubricants in contact with drinking water from the Federal Environmental Agency (UBA) in the field of seals! (Tested by the TZW Karlsruhe)

Article no.	PU	PU	PU	Colour	Content:
5371	100			colourless	Tube 7 ml
5370	20	480		colourless	Tube 25 ml
5372	1			colourless	Can 200 g



OHA-Lubricant

► for plug connections made of plastic in the drinking water supply, DVGW-tested, VP641
► very well suited for connecting plastic- and metal pipes with plug-in sleeves, rubber and so on.

Article no.	PU	PU	PU	Colour	Content:
5360	2	100			Tube 150 ml
5361	5	30			Tube 250 ml
5362	24				Tube 500 ml
5363	1	12			Tube 1000 ml

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Plastic-Fermit®-Aqua



Installation putty permanently plastic, Kneadable sealant based on plastic for the use of fittings in wash basins, bathtubs, etc. for cold and hot water.

► permanently plastic
► ductile
► does not become brittle

Article no.	PU	PU	PU	Colour	Content:
5343	24			white	Can 250 g
5344	18			white	Can 500 g
5345	12			white	Can 1 kg

Anti-Corrosion-Tape



Cold-processable plastically corrosion protection tape, based on technical Vaseline on synthetic carrier. The bandages can be used up to continuous operating temperatures of +30° C. These anti-corrosive bandages are not suitable for laying in the ground!

► suitable for metal pipes, cables, armatures and moldings, etc.
► in rolls once approx. 10 m

Article no.	PU	PU	PU	Colour	Width:
5350	5			black	50 mm
5351	5			black	100 mm

Anti-Corrosion-Tape "Petroband"



Plastically corrosion protection tape made from modified petrolates. For metal pipes, cables, armatures, moldings, etc. with a chemical fiber mesh insert and a laminated PE-foil. Pre-painting is not required!

► according to DIN 30672, DVGW tested, KF special
► in rolls once approx. 10 m

Article no.	PU	PU	PU	Colour	Width:
5352	24			black	50 mm

Plastic-Anti-Corrosion-Tape, 0,15 mm thick



Application: as sealing tape for insulating foils as well as corrosion protection of interior pipes and pipes for the axial and radial closure of foam insulating hoses and for the interface bonding of plastic pipes. Building material grade according to DIN 4102-B1.

► self-adhesive, high adhesive strength and easy to process
► low flammability and high mechanical strength
► soft and resistant to aging
► roll with removable side disks
► temperature resistance: from approx. -10° C to +105° C

Article no.	PU	PU	PU	Colour	Width in mm:	Roll length in m:
5318	6	18		black	50 mm	10 m
5319	6	18		light grey	50 mm	10 m
5320	6	18		white	50 mm	10 m
5310	6	108		black	100 mm	10 m

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



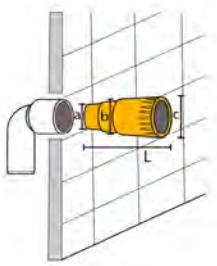
Plastic-Anti-Corrosion- and Closure-Tape 0,15 mm thick

Application: as sealing tape for insulating foils as well as corrosion protection of interior pipes and pipes for the axial and radial closure of foam insulating hoses and for the interface bonding of plastic pipes. Building material grade according to DIN 4102-B1.

► self-adhesive, high adhesive strength and easy to process
► low flammability and high mechanical strength
► soft and resistant to aging
► roll with removable side disks
► temperature resistance: from approx. -10° C to +105° C

Article no.	PU	PU	PU	Colour	Width in mm:	Roll length in m:
5388	10	200		ivory	19 mm	10 m
5385	20	60		ivory	30 mm	10 m
5383	32	96		light grey	19 mm	25 m
5384	20	60		light grey	30 mm	25 m

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Construction-Plug made of plastic "Universal"

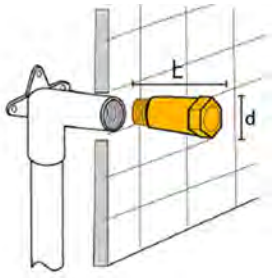
Made of solid plastic, suitable for drainpipes DN 32 / DN 40 / DN 50. No contamination of the pipe by mortar, gypsum etc. during the construction activity, reusable. A clean pipe connection makes it easierer to tile.

► no bad smell by escaping channel gases
► suitable for nearly all connection bends, connectors and angles

according to DIN EN 274 - 1: 2002 - 05



Article no.	PU	PU	PU	Colour	Use:	a:	b:	c:	L:
3385	10	200		grey	Universal construction plug	32 mm	40 mm	50 mm	123 mm



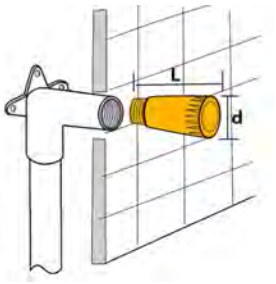
Construction-Plug made of plastic, especially narrow design

The Construction plug made of plastic is suitable for the one-time sealing test of the pipe installation according to DIN 1988-200.

► with seal
► easy to install with outer and inner hexagon
(Hexagon socket SW 12 and hexagon socket SW 32 at item no. 6600, 6601 and 6603)
(Inner hexagon SW17 and outer hexagon SW 36 at item no. 6602)



Article no.	PU	PU	PU	Colour	Use:	Size:	L:	d:
6600	25	600		red	Hot water pipe	½"	72 mm	36 mm
6601	25	600		blue	Cold water pipe	½"	72 mm	36 mm
6603	25	600		white	Cold and hot water pipes	½"	72 mm	36 mm
6602	10	100		white	Cold and hot water pipes	¾"	71 mm	41 mm



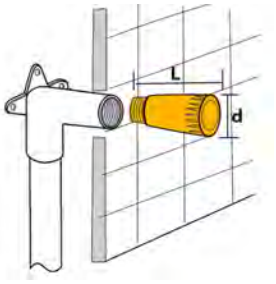
Construction with PPSU-hard plastic thread ½"

NEW

Construction plug with PPSU-hard plastic thread, ½", black. The construction plug with hard plastic thread insert and seal according to DIN 1988-200. The construction plug can be left permanently in the installation! Easy to install thanks to ½" hexagon socket.



Article no.	PU	PU	PU	Colour	Use:	Size:	L:	d:
3545	10	150		red	Warm Water pipes	½"	89 mm	36 mm
3546	10	150		blue	Cold Water pipes	½"	89 mm	36 mm



Construction-Plug with brass thread, especially narrow design

The building block with brass thread insert and seal according to DIN 1988-200. The building block can be left permanently in the installation! Easy to assemble by hexagon socket ½" and ¾".Before each application, the seal ½" (item no .: 8689) and ¾" (item no .: 9365) has to be replaced!

Please note our technical information.



Article no.	PU	PU	PU	Colour	Use:	Size:	L:	d:
3375	10	150		red	Hot water pipe	½"	89 mm	36 mm
3376	10	150		blue	Cold water pipe	½"	89 mm	36 mm
3377	10	150		white	Cold and hot water pipes	½"	89 mm	36 mm
3378	10	50		white	Cold and hot water pipes	¾"	87 mm	40 mm
3381	10	120		blue	Cold water pipe	¾"	87 mm	40 mm
3382	10	120		red	Hot water pipe	¾"	87 mm	40 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

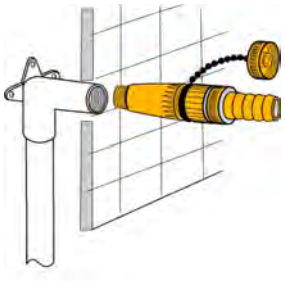


Construction-Plug with brass thread ½" with filling and emptying valve

The solution for the water supply of all construction craftsmen! Including hose connector and Ø 33 mm.

With the construction plug the following is possible:
► water extraction for all construction craftsmen
► Connection for leak testing or venting
► connection possiblitys between hot and cold water (leak test)
► construction plug valve can be easily tiled without disassembly
► any time water extraction is possible
► simple filling of bath and shower tray for leak testing

Please note our technical information.



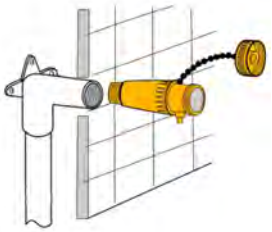
Article no.	PU	PU	PU	Colour	
3379	1	10		blue	



Construction-Plug with brass thread ½" with filling and emptying valve „ALFRED“

Construction plug incl. drain valve with ¾" and matching cap with integrated tap-key.

Please note our technical information.

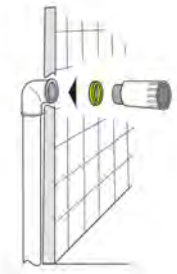


Article no.	PU	PU	PU	Colour	
3349	1	5		blue	

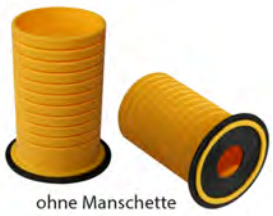


Rubber Seal for Contruction-Plugs

Replacement seals for our brass and plastic construction plugs.



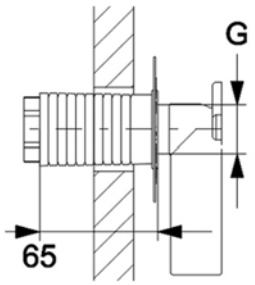
Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm	Height in mm:
8689	25	100		black	½"	20 mm	26,5 mm	3 mm



OHA-Dichtfix "Sealing Sleeve"

Our OHA-Dichtfix is the ideal tool for the use of building plugs (with or without brass thread) to selectively absorb or drain the leaking water during installation or removal of the building plug.

► suiteable for drywall construction as well as for flush mounting up to 60 mm, because the membrane in the inner diameter seals against the pipeline or tap extension
► no destruction of the seal by removing the building plug
► the OHA-Dichtfix can be cut off in the same way after the valve has been flushed and removed before mounting the valve - for this purpose, auxiliary ribs are attached to the product!
► subsequent replacement of the fittings or flush-mounted top parts is just as clean and easy, without the need to remove old silicone or grout material.

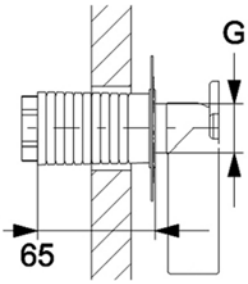


* The appropriate mounting instructions can be found on our homepage: www.haas.de/Katalog



Article no.	PU	PU	PU	Colour	Compatible for:	Equipments:
6635	25	6000		yellow/black	Suitable for ½“ OHA-Construction plug	without cuff
6615	25	75		blue/black	Suitable for ¾“ Construction plug	with cuff

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Dichtfix-Combi-Package with Brass-Construction-Plugs

Combi-Package Contents:
► 8 pcs. Dichtfix sleeves, black / yellow
► 4 pcs. brass building plugs ½", red
► 4 pcs. brass building plugs ½", blue

Packed in a stable sales box

* The appropriate mounting instructions can be found on our homepage: www.haas.de/downloads



Article no.	PU	PU	PU	Colour	
6660	1	10		red/ blue	



NEW

OHA-Dichtfix Set "Long" 14/15 cm ½", with 2 Dichtfix & 2 building plugs with Brassthread

Our OHA Dichtfix Set "Long" 14/15 cm ½" is the ideal aid when using building plugs (with or without brass thread) to prevent water escaping during assembly or after removal to collect or drain the construction plug in a targeted manner. According to DIN 18534-1, sealing of interiors (part 1: requirements, planning and execution principles).
The construction plug with Brass thread insert and seal according to DIN 1988-200. The construction plug can be
left permanently in the installation! Easy to install thanks to the ½" hexagon socket.



► stable 2-component solution (hard / soft)
► Particularly easy to assemble and easy to shorten
► suitable for almost all standard ½" building plugs and ½" wall washers
► very well suited for drywall and flush mounting up to 60 mm, because the Diaphragm in the inner diameter seals against the pipeline or valve extension
► No destruction of the seal by removing the building plugs
► After tiling and removing the building plug, the OHA-Dichtfix can be cut to the same wall - auxiliary ribs are attached to the product!
► Subsequent replacement of the fittings or concealed top parts is just as clean and easy, without having to remove any old silicone or joint material.
► Contents: two Dichtfix "Long" and two construction plugs "Long" with brass thread

* The appropriate assembly instructions can be found on our homepage: www.haas.de/Catalog

Article no.	PU	PU	PU	Colour	Compatible for:	Equipments:
6720	1	10		grey	½“ OHA-Construction plug	without cuff



NEW

OHA-Dichtfix Set "Long" 14/15 cm ½", with 2 Dichtfix & 2 building plugs with hard Plastict hread

Our OHA Dichtfix Set "Long" 14/15 cm ½" is the ideal aid when using building plugs (with or without plastic thread) to prevent water escaping during assembly or after removal to collect or drain the construction plug in a targeted manner. According to DIN 18534-1, sealing of interiors (part 1: requirements, planning and execution principles). The construction plug with hard Plastic thread insert and seal according to DIN 1988-200. The construction plug can be left permanently in the installation! Easy to install thanks to the ½" hexagon socket.



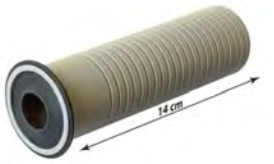
► stable 2-component solution (hard / soft)
► Particularly easy to assemble and easy to shorten
► suitable for almost all standard ½" building plugs and ½" wall washers
► very well suited for drywall and flush mounting up to 60 mm, because the Diaphragm in the inner diameter seals against the pipeline or valve extension
► No destruction of the seal by removing the building plugs
► After tiling and removing the building plug, the OHA-Dichtfix can be cut to the same wall - auxiliary ribs are attached to the product!
► Subsequent replacement of the fittings or concealed top parts is just as clean and easy, without having to remove any old silicone or joint material.
► Contents: two Dichtfix "Long" and two construction plugs "Long" with hard plastic thread

* The appropriate assembly instructions can be found on our homepage: www.haas.de/Catalog

Article no.	PU	PU	PU	Colour	Compatible for:	Equipments:
6721	1	5		grey	½“ OHA-Construction plug	without cuff

NEW

OHA-Dichtfix "Long" 14 cm ½", the sealing sleeve according to DIN 18534



Our OHA-Dichtfix "Long" 14 cm ½" is the ideal aid when using construction plugs (with or
without brass thread) to catch and drain water during installation or after removal of the plug. or
after removal of the building plug. According to DIN 18534-1, Waterproofing of interiors (Part1:
Requirements, planning and execution principles).



EXTRA LANG

- ► stable 2-component solution (hard/soft)
- ► particularly easy to install and shorten
- ► suitable for almost all commercially available ½" construction plugs and ½" wall washers
- ► very well suited for drywall construction as well as for flush mounting up to 60 mm, because the membrane in the inner diameter seals against the pipeline or tap extension
- ► no destruction of the sealing by removing the construction plugs

- ► after flowing and removal of the construction plug, the OHA-Dichtfix wall sealant can be applied before installing the fitting. OHA-Dichtfix can be cut to the same length as the wall - auxiliary ribs are attached to the product for this purpose!
- ► Subsequent replacement of the fittings or UP top parts is just as clean and problem-free, without having to remove old silicone or joint material.

*You can find the appropriate installation instructions for this on our homepage: www.haas.de/Katalog

Article no.	PU	PU	PU	Colour	Compatible for:	Equipments:
6715	10	50		grey	½“ OHA-Construction plug	without cuff

NEW

Construction plug "Long" 15 cm with brass thread ½", black



Construction plug "Long" 15 cm with brass thread ½", black. The construction plug with brass thread insert and seal according to DIN 1988-200. The construction plug can be left permanently in the installation! Easy to install thanks to ½" hexagon socket.



EXTRA LANG

Article no.	PU	PU	PU	Colour	
3431	10	50		black	

NEW

Construction plug "Long" 15 cm with hard plastic thread ½", black

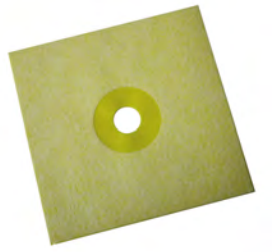


Construction plug "Long" 15 cm with hard plastic thread, ½", black. The construction plug with hard plastic thread insert and seal according to DIN 1988-200. The construction plug can be left permanently in the installation! Easy to install thanks to ½" hexagon socket.



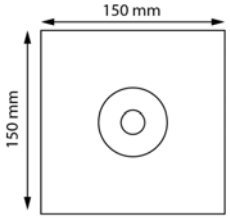
EXTRA LANG

Article no.	PU	PU	PU	Colour	
3430	10	150		black	



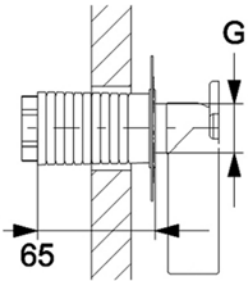
OHA stretch zone cuff, 150 x 150 x 0.6 mm, anthracite

Our OHA stretch zone cuff is a special elastomer cuff with stretch zone and sealing membrane for watertight sealing of pipelines under tiles, slabs and ceramics Coverings. According to DIN 18534-1, Sealing of interiors (Part 1: Requirements, planning and design) Execution principles).



Article no.	PU	PU	PU	Colour	Width:	Height:	Depth:
6611	10	50		yellow	150 mm	150 mm	0,6 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Sealing-Set "A" according to DIN 18534

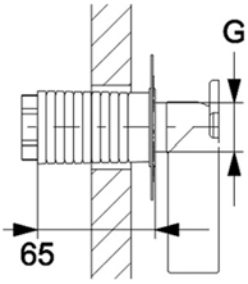
Stable 2-component solution (hard / soft), very easy to install and easy to shorten. Suitable for almost all standard ½" construction plugs and ½" wall plates. According to DIN 18534-1, sealing of interiors (Part 1: Requirements, planning and execution principles).

Content Sealing-Set "A":
► 2 pcs. Dichtfix construction plugs yellow/black
► 2 pcs. expansion zone sleeves

* You will find the appropriate installation instructions on our homepage: www.haas.de/catalogue



Article no.	PU	PU	PU	Colour	
6775	1			yellow/black	



OHA-Sealing-Set "B" according to DIN 18534

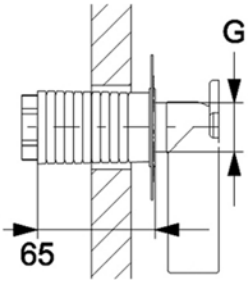
Stable 2-component solution (hard / soft), very easy to install and easy to shorten. Suitable for almost all standard ½" construction plugs and ½" wall plates. According to DIN 18534-1, sealing of interiors (Part 1: Requirements, planning and execution principles).

Content Sealing-Set "B":
► 4 pcs. Dichtfix construction plugs yellow/black
► 4 pcs. expansion zone sleeves

* You will find the appropriate installation instructions on our homepage: www.haas.de/catalogue



Article no.	PU	PU	PU	Colour	
6776	1			yellow/black	



OHA-Sealing-Set "C" according to DIN 18534

Stable 2-component solution (hard / soft), very easy to install and easy to shorten. Suitable for almost all standard ½" construction plugs and ½" wall plates. According to DIN 18534-1, sealing of interiors (Part 1: Requirements, planning and execution principles).

Content Sealing-Set "C":
► 8 pcs. Dichtfix construction plugs yellow/black
► 8 pcs. expansion zone sleeves

* You will find the appropriate installation instructions on our homepage: www.haas.de/catalogue



Article no.	PU	PU	PU	Colour	
6777	1			yellow/black	

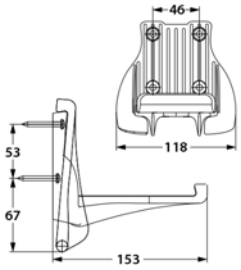


OHA-Footrest "DANIELA"

Ideal for the foot and nail care! In solid aluminum quality, anodized. Can be fastened to the wall (e.g. in the shower) by means of 4 screws / dowels at the desired height. Before and after use fold up the horizontal part!

► incl. 4 cover caps for the screw holes

Article no.	PU	PU	PU	Colour	
6232	1	10		chrome	



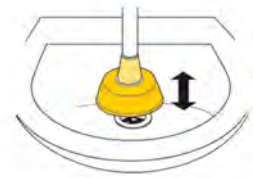


Rubber-Drain-Pipe-Cleaner Hector "Just for Profesionals"

Complete with wooden handle, 35 cm long, for the environmentally friendly disposal of drain plugging.

► made of high quality and very elastic rubber
► particularly suitable for pipe cleaning professionals, since it is very flexible and also elastic in the case of cold!
► excellent suction and pressure performance

Article no.	PU	PU	PU	Colour	Size:	Construction:
3101	20	400		red	111 mm Ø	Small
3102	20			red	135 mm Ø	Large
3100	10	100		natural	wooden handle, 35 cm long	



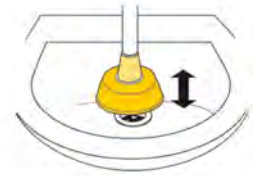


TPE-Drain-Pipe-Cleaner "THE CHEAP ONE"

Complete with wooden handle, 35 cm long, for the environmentally friendly disposal of drain plugging.

► excellent suction and pressure performance
► made of flexible TPE

Article no.	PU	PU	PU	Colour	Size:	Construction:
3108	10	200		red	111 mm Ø	Small
3109	10	200		red	135 mm Ø	Large





Suction and pressure pump with adapter "Lucky"

Suction and pressure pump with adapter for installers and pipe cleaners. Quickly and easily removes blockages in toilets, sinks, baths and drainpipes. Two adapters for use in different sewers systems. Perfect sealed system and thus highest suction and pressure force with rubber adapter and adjustable handle.

Material (rubber adapter): EPDM resistant to aging and weathering according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Equipment:
3096	1			red	including two rubber adapter

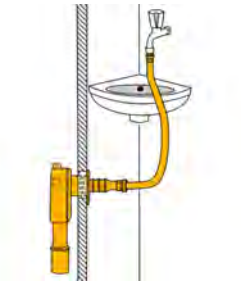




OHA-Drain-Cleaner with hose and water supply

Cleans the drain quickly. Just connect to the water tap and cleaning with water pressure the siphon or the drainpipe, without chemicals and environmentally friendly.

Article no.	PU	PU	PU	Colour	Ø:
5030	1	5		yellow	25 - 50 mm
5031	1	5		yellow	38 - 75 mm
5032	1	5		yellow	75 - 152 mm
5028	1	5		yellow	Bathtube adapter for item no. 5031



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Perl-Jet-Regulator-Wrench "OHA Super-Grip"

The "Super-Grip" has a soft rubber inlay for the particularly gripping screwing out of the perl jet regulators.

► no more scratching of the perl jet regulator
► extremely good grip, therefore less effort is required



Article no.	PU	PU	PU	Colour	Length in mm:	Width in mm:
5285	5	20		blue	111 mm	43,9 mm

OHA-Cleaning-Stick

For the removal of stubborn impurities and deposits of all kinds. Ideal for the removal of metal abrasion, grout residues and oxide spots on enamelled surfaces (not suitable for enamel with self-cleaning pearl effect).



Article no.	PU	PU	PU	Colour	Size:
4200	1	5		grey	60 x 20 x 20 mm

Sealing-Ring for pressure cookers

"Thousand times proven!" We guarantee that our sealing-rings for pressure cookers meet the quality requirements according to DIN 66065! Flavor and odorless, in food medium quality and heat resistant.

► PERMANENT GUARANTEED BY THE "LGA"



Article no.	PU	PU	PU	Colour	Compatible for Model:
3187	25			light	FISSLER® vitafit® vitaquick® bis Bj 2009, blue-point®, vitavit royal®, magic®

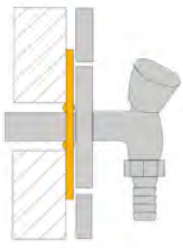
PVC electrical insulation tapes 0.15 mm thick (self-adhesive)

Complies with VDE, ÖVE & SEV according to type test ICE 60454-3-1-10 / F-PVCp / 105.

► high adhesive force, soft, self-extinguishing
► high dielectric strength and aging resistance
► temperature resistance: from approx. -10° C to +105° C
► economical in use



Article no.	PU	PU	PU	Colour	Width in mm:	Rolllenght in m:
5301	10			black	15 mm	4,5 m
5334	10			white	15 mm	4,5 m
5336	10			red	15 mm	4,5 m
5337	10			grey	15 mm	4,5 m
5339	10			blue	15 mm	4,5 m



Safety splash protection

The safety splash protection provides waterproof pipe penetrations e.g. in conjunction with connection angles in the pre-wall installation, as well as under ceramic coverings in wet rooms.

► self-adhesive on one side
► made of flexible special rubber



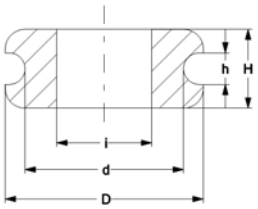
Article no.	PU	PU	PU	Colour	Inner-Ø in mm:
7795	5	100		black	25 mm
7796	5	100		black	28 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Cable Grommet

► double-sided versions
► elastic and soft
► largely resistant to alkalis and acids



Article no.	PU	PU	PU	Colour	Form-No.:	Dimensions in mm:
6102	100	1000		black	013	i: 6 mm, d: 10 mm, D: 12,5 mm, h: 2 mm, H: 8 mm
6104	100	1000		black	022	i: 8 mm, d: 12 mm, D: 15 mm, h: 3 mm, H: 9 mm
6106	100	1000		black	017	i: 12 mm, d: 20 mm, D: 25 mm, h 4 mm, H: 10 mm



Rubber wide wiper ring

Made of natural rubber for tap fittings.

Article no.	PU	PU	PU	Colour	o-Ø in mm:	i-Ø in mm:	height:
4133	10			red	26,5 mm	15 mm	16 mm



Dome cover gaskets, (rubber)

Manhole cover gasket in NBR quality, oil and gasoline resistant.
► 3 mm thick

Article no.	PU	PU	PU	Colour	Description:	Compatible for:
8820	1			black	490 x 625 mm, bolt circle 580 mm with 28 holes á 18 mm	500 dome cover
8822	1			black	610 x 720 mm, bolt circle 675 mm with 32 holes á 18 mm	600 dome cover

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

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Since over 75 years quality & innovation for the plumbing trade.

Chapter 12
Soundproofing and Fastening technology







Visit also our website for more information:
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... that too much noise can make you sick?

When apartments are directly lying next to each other, e.g. noise such as water filling Bathtubs, toilets or urinal flush, use of showers, etc. could be a disturbing or annoying effect.

Of course, there are also technical rules and DIN regulations (e.g. DIN 4109), which must be taken into account in new installations. In the case of renovations, modifications or repairs, it is important to ensure that products are used to reduce the sound transmission.

We would like to give you an example:

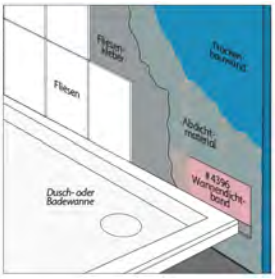
when you install or replace a bathtub directly on the wall to the neighboring apartment and only waterproofing with silicone or acrylic the residents of the adjoining apartment will be hear the "filling and drain noise" including water splashes. Do you use our OHA-Easy-2-Protectband **item no. 4396/4397/4398** you will reach not only soundproofing rather you´ll get an integrated water barrier what helps out when the silicone fugue leaky. Mould formation is prevented thereby that no water can run behind the wall.

We have dealt with this issue intensively and developed products over the years which are suitable for both sound and air sound reduction. In this chapter you will find many new developments on this topic.

For example:

When using our noise protection kit **item no. 7500**, a loudness modification of up to **6 dB** can be achieved compared to a normal white bed installation, which corresponds approximately to a change in the loudness factor of 0.66 times. (Factor 0.5 corresponds to a halving).

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Easy-2-Protect-Tape

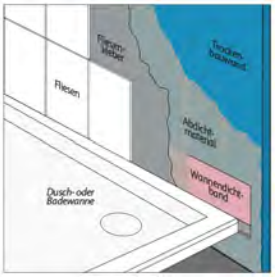


For shower and bathtubs with double safety: soundproof and watertight! The additional safety for installation between wall and bathtub in the proper installation of shower and bathtubs. Due to the integrated water-impermeable nonwoven, the second water barrier behind the silicone joint ensures that no water can penetrate between the tub and the wall.
► ideal for avoiding moisture penetration
► particularly suitable for falling water, e.g. in showers
► self-adhesive for perfect water and noise protection
► we consider this precaution to be particularly recommendable according to the latest state of the art.
► individually packed in the attractive display box!
► NOW NEW - with corner filler profile and 8 mm joint tape

Note:
Do not join individual strips. Always use continuous hinges over the sealing surface

You can find suitable installation instructions & videos at https://www.haas.de

Article no.	PU	PU	PU	Colour	Length:	Width x height:	Compatible for:
4396	1	160		white	3,60 m	85 x 0,8 mm	Bath and Showertub
4397	1	180		white	2,00 m	85 x 0,8 mm	Showertub
4398	1	90		white	10,00 m	85 x 0,8 mm	Bath and Showertub



OHA-Water-Protect-Tape - according to DIN 18534

NEW

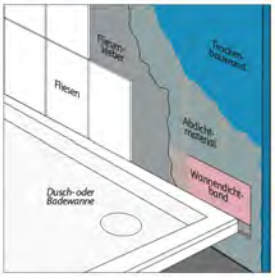


A water sealing tape, fully bonded at the back, provides additional safety for installation between the wall and bath when installing shower trays and baths professionally. The integrated water-impermeable fleece acts as a second water barrier behind the silicone joint, ensuring that no water can penetrate between the bath and the wall.
In accordance with DIN 18534-1, Waterproofing of interiors (Part 1: Requirements, planning and execution principles).
► ideal for avoiding moisture penetration
► particularly suitable for falling water such as in showers
► packed individually in an attractive display box!

Note:
Do not join individual strips. Always use continuous hinges over the sealing surface

You can find suitable installation instructions & videos at https://www.haas.de

Article no.	PU	PU	PU	Colour	Length:	Width x height:	Compatible for:
4394	10			pink	10,00 m	85 x 0,8 mm	Shower and Bathtube



OHA-2-Protect-Tape - with tub edge protection



The bathtub tape with double safety: soundproof and watertight! The additional safety for installation between wall and bathtub in the proper installation of shower and bathtubs. Due to the integrated water-impermeable nonwoven, the second water barrier behind the silicone joint ensures that no water can penetrate between the tub and the wall. According to DIN 18534-1, Sealing of interior spaces (Part 1: Requirements, planning and execution principles).
► ideal for avoiding moisture penetration
► particularly suitable for falling water, e.g. in showers
► individually packed in the attractive display box!

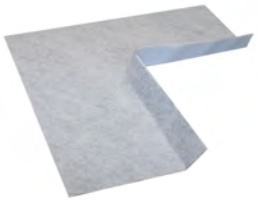
Note:
Do not join individual strips. Always use continuous hinges over the sealing surface

You can find suitable installation instructions & videos at https://www.haas.de

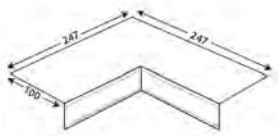
Article no.	PU	PU	PU	Colour	Length:	Width x height:	Compatible for:
4393	1	90		pink	3,6 m	85 x 0,8 mm	Bath and Showertub

NEW

OHA-Multifunctional-Corner 247 x 247 x 100 mm for OHA-Easy-2-Protect-Tape



OHA-Multifunctional-Corner for super flat shower trays installed flush with the floor. For OHA-Easy-2-Protect-Tape.
► quick and easy application
► Dimensions: 247 x 247 x 100 mm
► according to DIN 18534-1 Sealing of interior spaces
► extra thin



Article no.	PU	PU	PU	Colour	Length:	Width x height:	Compatible for:
4402	1	10		grey	247 mm	247 x 0,8 mm	Shower tube

OHA Fill- and Protectcord



OHA Fill- and Protectcord, 10 meter long and 8 mm thick for 6 mm fugues. No collapse of the silicone joint and protects the tub sealing tape.

► Time savings when changing joints
► fast and easy processing
► also for retrofitting



Article no.	PU	PU	PU	Colour	Lenght:	Width x Height:	Compatible for:
4404	10			yellow	10,00 m	8 x 8 mm	6 mm fugues

Corner filling profiles for OHA-Easy-2-Protectband



Corner filling profiles for Easy-2-Protect tape, ideal for sealing gaps - additional security during sealing.

► with radius and corner template
► Ø6 x 30 mm



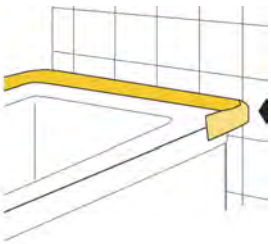
Article no.	PU	PU	PU	Colour	Content:
4401	2			grey	4 pcs.

Soundproofing Tapes for shower and bath tubs



Between tub and wall, made of high-quality, white PE foam, one side self-adhesive, with tear seam. For the installation of shower and bathtubs with our rubber door-stop the sound bridge between the wall and the bathtub is interrupted.

Application:
The protruding profile half will be separated from the fugue and the gap between the tile and the wall is filled with fugue sealing compound.



Article no.	PU	PU	PU	Colour	Roll length:	Roll width:	Strength:
4390	20	1120		white	2,7 m	50 mm	4 mm
4391	20	1120		white	3,3 m	50 mm	4 mm

Mounting Tape "Sanifreund", self-adhesive



To balance for unevenness in the wall and floor mounting of sanitary items (wash basin, deposition, toilet and bidet basin). The tape are perforated in wave shape for an easy handling for mounting it of sanitary objects. Compressible, anyway the cell structure which is for the sound reduction is not destroyed - no water absorption, since the material is closed-pore. The sound transmission is substantially reduced, since e.g. the sanitary body is no longer sits directly on the tiles.

► packed in the dispenser box with a length of 2 x 4.5 m. 16 dispenser boxes in a large carton.



Article no.	PU	PU	PU	Colour	Roll length:	Roll width:	Strength:
7284	12	672		white	2 x 4,5 m	36 mm	3 mm



OHA-Soundproofing-Installation-Mat for wall toilet and bidets, 372 x 422 mm

OHA-Soundproofing-Installation-Mat 4 mm, white
► density: 70
► 15 pieces packed in a polybag, with label

Article no.	PU	PU	PU	Colour	
7441	60	1200		white	





Soundproofing-Installation-Sets for wall toilet and bidets, 372 x 422 mm

► density: 70
► our noise protection kits include mounting accessories
► the sets incl. Assembly instructions are individually packed in a polybag.

Article no.	PU	PU	PU	Colour	Construction:	Description:
7491	10	800		white	6 mm thick, in standard quality	With assembly instructions
7490	10	800		white	5 mm thick, in standard quality	With assembly instructions
7440	60	1200		white	4 mm thick, in standard quality	Without assembly instructions





Soundproofing-Installation-Sets for wall toilet and bidets, 390 x 426 mm (square shape)

► density: 70
► our noise protection kits include mounting accessories
► the sets incl. Assembly instructions are individually packed in a polybag.

Article no.	PU	PU	PU	Colour	Construction:
6571	10	800		white	6 mm thick, in standard quality
6572	10	800		white	5 mm thick, in standard quality
6573	50	1000		white	4 mm thick, in standard quality





Soundproofing-Installation-Sets for wash basins, long wash basins 550x240, 750x240 & 840x200 mm

► density: 70
► our noise protection kits include mounting accessories
► the sets incl. Assembly instructions are individually packed in a polybag.

Article no.	PU	PU	PU	Colour	Construction:	Size:
6565	10	200		white	5 mm thick, in standard quality	550 x 240 mm
6567	10	400		white	5 mm thick, in standard quality	750 x 240 mm
7452	15	900		white	4 mm thick, in standard quality	550 x 240 mm
7453	15	600		white	4 mm thick, in standard quality	750 x 240 mm
7464	15	300		white	4 mm thick, in standard quality	840 x 200 mm (NEW)





Soundproofing-Installation-Sets for urinals, 380 x 630 mm (strip shape)

► density: 70
► our noise protection kits include mounting accessories
► the sets incl. Assembly instructions are individually packed in a polybag.

Article no.	PU	PU	PU	Colour	Construction:
6569	60	1200		white	5 mm thick, in standard quality
7454	15	450		white	4 mm thick, in standard quality





Soundproofing-Installation-Sets for standing toilet, 245 x 440 mm (oval shape)

► density: 70
► our noise protection kits include mounting accessories
► the sets incl. Assembly instructions are individually packed in a polybag.

Article no.	PU	PU	PU	Colour	Construction:
6570	10	800		white	5 mm thick, in standard quality
7463	15	1200		white	4 mm thick, in standard quality





Soundproofing-Sets for wall toilet and bidets, 372 x422 mm

Our premium qualities ensure excellent noise protection. The sound is reduced by 6-10 dB compared to the white-bed-installation according to DIN 1386. Density: 70. The white PE-foam used is silicone-compatible. Sound insulation for installation between the sanitary ceramics and the wall. The sets including mounting accessories are individually packed in the poly bag.

Article no.	PU	PU	PU	Colour	Construction:	Description:
7500	10	800		white	6 mm thick, in premium quality	With assembly instructions





Soundproofing-Sets for wall toilet and bidets, 390 x 426 mm (square shape)

Our premium qualities ensure excellent noise protection. The sound is reduced by 6-10 dB compared to the white-bed-installation according to DIN 1386. Density: 70. The white PE-foam used is silicone-compatible. Sound insulation for installation between the sanitary ceramics and the wall. The sets including mounting accessories are individually packed in the poly bag.

Article no.	PU	PU	PU	Colour	Construction:
7506	10	800		white	6 mm thick, in premium quality





Soundproofing-Sets for wash basins and long wash basins 550 x 240 & 750 x 200 DB28

Our premium qualities ensure excellent noise protection. The sound is reduced by 6-10 dB compared to the white-bed-installation according to DIN 1386. Density: 70. The white PE-foam used is silicone-compatible. Sound insulation for installation between the sanitary ceramics and the wall. The sets including mounting accessories are individually packed in the poly bag.

Article no.	PU	PU	PU	Colour	Construction:	Size:
6550	10	200		white	6 mm thick, in premium quality	550 x 240 mm
6552	10	200		white	6 mm thick, in premium quality	750 x 240 mm





Soundproofing-Sets for urinals, 380 x 630 mm (strip shape)

Our premium qualities ensure excellent noise protection. The sound is reduced by 6-10 dB compared to the white-bed-installation according to DIN 1386. Density: 70. The white PE-foam used is silicone-compatible. Sound insulation for installation between the sanitary ceramics and the wall. The sets including mounting accessories are individually packed in the poly bag.

Article no.	PU	PU	PU	Colour	Construction:
6548	10	200		white	6 mm thick, in premium quality





Soundproofing-Sets for standing toilet, 245 x 400 mm (oval shape)

Our premium qualities ensure excellent noise protection. The sound is reduced by 6-10 dB compared to the white-bed-installation according to DIN 1386. Density: 70. The white PE-foam used is silicone-compatible. Sound insulation for installation between the sanitary ceramics and the wall. The sets including mounting accessories are individually packed in the poly bag.

Article no.	PU	PU	PU	Colour	Construction:
6549	10	800		white	6 mm thick, in premium quality

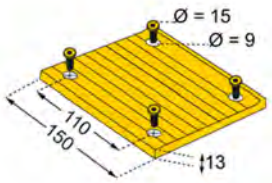




Rubber-Soundproofing-Pad

A versatile useable damping element made of rubber with sound damping properties. For damping of vibrations and impacts, e.g. for washing machines, tumble dryers or for use as bathtub feet. The insulation has a positive influence on the service life of a machine and contributes significantly to the noise reduction. With 9 mm diameter holes.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	Height in mm:
8196	10	50		black	150 x 150 mm	13 mm
8197	10	50		white	150 x 150 mm	13 mm



Rubber-Soundproofing-Pad for bathtub feet, 100 x 100 x 10 mm

Can be used as sound insulation under each bathtub foot. The unerlay can also be used for other sound insulation purposes.

Article no.	PU	PU	PU	Colour	Size:	Height in mm:
8116	4			black	100 x 100 mm	5,5 mm



Rubber-Soundproofing-Pad for bathtub feet, 100 x 100 x 10 mm

Can be used as sound insulation under each bathtub foot. The unerlay can also be used for other sound insulation purposes.

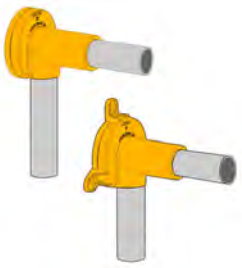
Article no.	PU	PU	PU	Colour	Size:	Height in mm:
8119	4	80		black	100 x 100 mm	10 mm
8161	20	100		black	60 x 60 mm	10 mm



OHA-Soundproofing-Sleeve for wall connection angle to plastering

OHA soundproofing sleeve for wall connection angle to plastering. According to DIN 4109 to achieve the permissible sound pressure levels values in rooms in need of protection e.g. sleeping rooms, children rooms, workrooms and classrooms. For mounting of pre-wall installation systems in wet or dry construction, in-wall installation systems within metal walls and fitting units (wall panels) of the drinking water installation, observing the fixing situation.

The wall connection angles are not included !!!



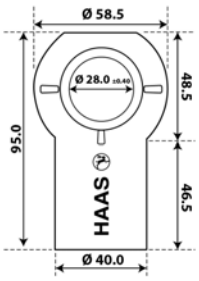
Article no.	PU	PU	PU	Colour	Size:	Name:	Description:
3926	5	20		black	90 mm	ANCORA	Without wall mounting
3927	5	20		black	75 mm	ANCORA	Without wall mounting
3928	5	20		black	90 mm	SILENCIO	With wall mounting
3929	1	30		black	75 mm	SILENCIO	With wall mounting
3924	4	16		green	75 mm	QUIET	Suitable for Geberit®

NEW



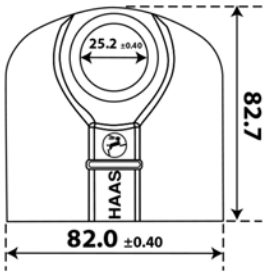
OHA sound absorber ½" DN 12 and DN 15

OHA sound absorber ½" DN 12 and DN 15 with insulating plate, suitable for wall plates 212.5, 2225.5, 5325.5 in conjunction with bracket. Suitable for Viega® 586713.



Article no.	PU	PU	PU	Colour	
3931	10	100		black	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA double sound absorber ½" DN 15 and DN 15

NEW

OHA double sound absorber ½" DN 15 and DN 15 with insulating plate, suitable for Viega® 592950.

Article no.	PU	PU	PU	Colour	
3933	5	50		black	





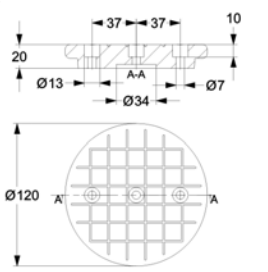
Soundproofing mounting element

The 6 mm thick rubber disc is used for sound decoupling between the mounting rail or masonry and the wall disk connection angle adapted to the pipe system. The double-sided burl structure prevents slipping of the element during assembly. This is mounted between the connection bracket and the rail, the four mounting holes allow a largely universal use.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3945	10	100		black	8 mm	60 mm	6 mm



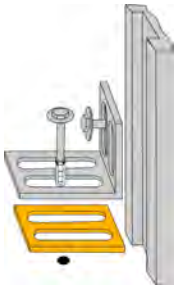


Rubber-Soundproofing-Pad 120 mm Ø, with 3 mounting holes

A versatile rubber sound proofing pad, e.g. for bathtubs, warm water or heating boilers, etc. also be used as lifting platform overlay. With sunk-in mounting holes, 7 mm diameter.

Article no.	PU	PU	PU	Colour	Outer-Ø in mm:	Height in mm:
3177	10	100		black	120 mm	20 mm



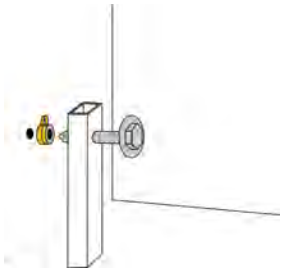


Sound damping boards, self-adhesive on one side

Made of elastic sound damping rubber / cork material. Suitable for Geberit®-GIS carry system. For body sound insulation, to be installed between the masonry and the flex angle or mounting angles, each 5 mm thick.

Article no.	PU	PU	PU	Colour	Compatible for:	Dimensions (LxW):
4606	10	50		brown	Mounting angle	100 x 50 mm
4607	10	50		brown	Flex angle	70 x 50 mm





Rubber sound dampening with bushing for pre-wall installation or water connections

The sound insulation is used as an insert between the mounting rail and the masonry.

Article no.	PU	PU	PU	Colour	Description:
3925	10	200		black	With bushing and disc



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Sound damping rubber buffer

For the sound insulation of pipe suspensions.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Shaft height in mm:	Total height in mm:
3380	10	50		black	9 mm	28 mm	9 mm	19 mm



Cell rubber strips, self-adhesive on one side

For sound insulation as insert (4 mm thick) in pipe clamps, etc.

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Width:	Length:	Construction:
8171	10	300		black	20 mm	10 m	self-adhesive on one side
8168	10	300		black	25 mm	10 m	self-adhesive on one side
8173	10	250		black	30 mm	10 m	self-adhesive on one side
8131	10	200		black	40 mm	10 m	self-adhesive on one side
8169	10	150		black	50 mm	10 m	self-adhesive on one side



Insulating felt strips

For cooling, heat and sound insulation, on pipes of all kinds.

Article no.	PU	PU	PU	Colour	Width:	Lenght:	Construction:
8189	25	250		mottled	70 mm	25 m	not adhesive
8191	25	150		mottled	50 mm	25 m	self-adhesive on one side
8193	25	75		mottled	100 mm	25 m	self-adhesive on one side



Pipe clamps insert

Sound proofing profile made of rubber for sound damping according to DIN.
► suitable for temperature range from -30° C to +120° C

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Profile Number:	Lenght:
4213	20	100		black	PG 471	20 m



nicht vermaßte Radien: R=0,2 mm



Pipe clamps insert

Sound proofing profile made of rubber for sound damping according to DIN.
► suitable for temperature range from -30° C to +120° C

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

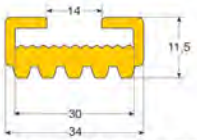
Article no.	PU	PU	PU	Colour	Profile Number:	Lenght:
4214	20	80		black	PG 513	20 m



nicht vermaßte Radien: R=1 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!





nicht vermaßte Radien: R=1 mm

Pipe clamps insert

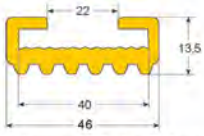
Sound proofing profile made of rubber for sound damping according to DIN.
► suitable for temperature range from -30° C to +120° C

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Profile Number:	Lenght:
4216	20	60		black	PG 515	20 m







nicht vermaßte Radien: R=1 mm

Pipe clamps insert

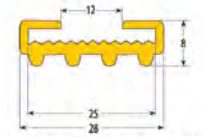
Sound proofing profile made of rubber for sound damping according to DIN.
► suitable for temperature range from -30° C to +120° C

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Profile Number:	Lenght:
4217	15	45		black	PG 516	15 m







nicht vermaßte Radien: R=1 mm

Pipe clamps insert

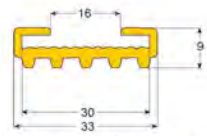
Sound proofing profile made of rubber for sound damping according to DIN.
► suitable for temperature range from -30° C to +120° C

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Profile Number:	Lenght:
4220	20	80		black	PG 512	20 m







nicht vermaßte Radien: R=1 mm

Pipe clamps insert

Sound proofing profile made of rubber for sound damping according to DIN.
► suitable for temperature range from -30° C to +120° C

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Profile Number:	Lenght:
4221	20	80		black	PG 601	20 m



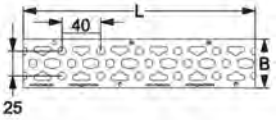
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

OHA-Assembly rail "Tobias"



Universal assembly rail for a variety of mounting tasks, suitable for all wall windows with a hole spacing of 40 mm and suitable for every depth gauge.

► Material: steel 1.0226 sendzimir galvanized



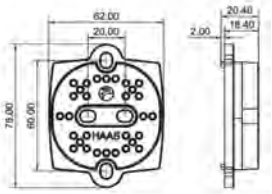
Article no.	PU	PU	PU	Colour	Length:	Width:
3859	25			galvanized steel	40 cm	5 cm
3864	250			galvanized steel	200 cm	5 cm

OHA-Sound-Separator "Katrin"



With the new noise protection for ½" connections, only one mounting part ensures the most effective noise protection up to the wall outlet.

Material: polyamide with sound-absorbing TPE-Liner

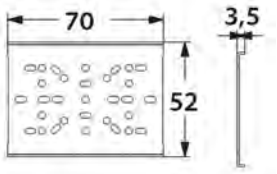


Article no.	PU	PU	PU	Colour	
3861	5	100		black	

OHA Mounting plate "PETER"



► for OHA-rail rail "Tobias"
► Material: steel 1.0226 sendzimir galvanized
► for self-tapping screws



Article no.	PU	PU	PU	Colour	Lenght:	Width:	Height:
3863	50			galvanized steel	70 mm	52 mm	3,5 mm

OHA-Perforated-Strips



High-strength mounting hole tapes made of sheet steel, or steel sheet coated with plastic.
For the attachment of pipes, stakes, cables, cable manhole, climate manholes etc.

In rolls of 10 m, tape thickness: approx. 0.8 mm.

Article no.	PU	PU	PU	Colour	Width:	Description:
3758	5	15		galvanized steel	17 mm	Galvanized steel
3759	5	15		galvanized steel	19 mm	Steel, plastic coated

Monuting Kit for standing toilet and bidet



The set includes:
2 pcs hexagonal screws 6/70 mm
2 pcs dowels Ø 8
2 pcs PP washers, white
2 pcs PP cover caps, white

Article no.	PU	PU	PU	Colour	
3956	10	250		white	

Monuting Kit for hand wash basins

The set includes:
2 pcs of screws M 10/100 mm
2 pcs dowels Ø 14
2 pcs PP washers
2 pcs of metal washers
2 pcs of nuts M 10



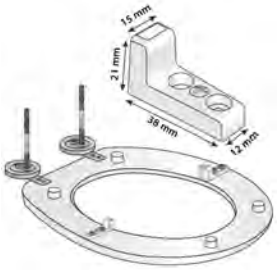
Article no.	PU	PU	PU	Colour	
3953	10	150			

Monuting Kit for wash basins

he set includes:
2 pcs of screws M 10/140 mm
2 pcs dowels Ø 14
2 pcs PP washers
2 pcs of metal washers
2 pcs of nuts M 10



Article no.	PU	PU	PU	Colour	
3951	10	100		white	



OHA Seat-Fix, der Toilet seat fixer

Mounting set consisting:
► 2 pcs. toilet seat holder
► 4 pcs. screws
► Assembly instructions

NEW



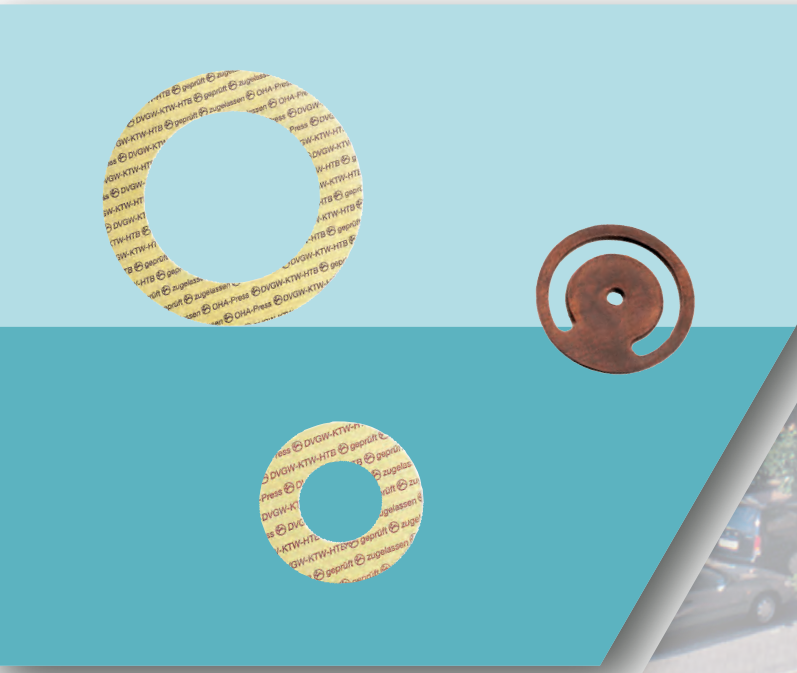
Article no.	PU	PU	PU	Colour	
3313	1	10		white	

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Since over 75 years quality & innovation for the plumbing trade.

Chapter 13

Sealings for Plumbing and Heating Installations





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... the abbreviations "DN" and "PN" that are commonly used in our seal delivery program and their meaning?

"PN" is the abbreviation for ***"Pressure Nominal"*** and is the nominal pressure for a pipeline system. The respective pressure specification in bar is understood to be at a room temperature of 20° C. PN 10 e.g. is a pipeline with the maximum permissible pressure of 10 bar at a medium temperature of 20° C. At higher or lower temperatures of the flow medium, the permissible pressure is correspondingly lower.

The abbreviation ***"DN"***, also called ***"nominal width"***, defines the inner diameter of a pipe or hose line or a armature in connection with the pipe or hose line used.

They will quickly find, we have largely revised our soft-plastic flat-sealing program. According to the application areas ***"drinking water supply"*** and seals for ***"gas supply"***, we summarized our products completly new sorted and in differents underchapters. The materials used for the manufacture of the "flat gaskets" are tested and approved ***"W 270"***. In ***chapter 17***, you will find technical information on the materials according to DVGW.

Should you have special applications to fulfill, we ask for your request, specifying the respective conditions of use.

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

OHA-PRESS® "THE FIBER SEAL FOR CRAFT AND INDUSTRY"

OHA-Press® is the universally applicable seal that guarantees you more safety and flexibility. It impresses with its unique combination of different properties. ***OHA-Press®*** has a wide range of applications with good pressure and temperature resistance. The ***OHA-Press®*** gasket is also equipped with a non-stick coating on one side. A high-quality combination of aramid fibers with special fillers and NBR rubber. Suitable for use with drinking water, water, oil, gases, steam, salt solutions, fuels, alcohols, weak organic and inorganic acids, hydrocarbons, lubricants and refrigerants.

ADVANTAGES OF OHA-PRESS®:

- **Good thermal properties**
- **Good media resistance**
- **Good chemical properties**
- **Good pressure stability**
- **Gas tightness according to standards**
- **Electrically non-conductive**
- **Steam resistance**
- **Electrically non-conductive**



WHY IS OHA-PRESS® WORTHWHILE FOR YOU?

- **Excellent price-performance ratio**
- **Many dimensions possible**
- **Constant availability**
- **Many fields of application**
- **Suitable for almost all media**
- **Very good refrigerant resistance**
- **Easy to handle**





CERTIFICATES AND APPROVALS

- **BAM tested**
- **DIN-DVGW**
- **DIN-DVGW W270**
- **DVGW DIN 30653**
- **DVGW DIN 3535-6**
- **DIN DVGW KTW**
- **DVGW VP 401**
- **UBA ELL (complies with the recommendations of the German Federal Health Office)**
- **WRAS**
- **TA-Luft (VDI 2440)**
- **Germanischer Lloyd**
- **ABS**
- **EC 1935/2004**

For the exact values and areas of application, please refer to our catalog, chapter 20

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Screw joint seal for corrugated stainless steel pipe (OHA-Press) "W270 & UBA-ELL"



Suitable for "Eurotis screw connections, the seals are non-stick coated on the sealing surface. Tested and approved for use with drinking water according to UBA guidelines and "W 270".

► not suitable for steam application!

* Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
8945	100	500		yellow	DN 12	12 x 18,5 x 1,8 mm
8946	100	500		yellow	DN 15	16 x 24 x 1,8 mm
8976	100	500		yellow	¼"	17 x 23 x 1,8 mm
8830	100	500		yellow	¼"	17 x 24 x 1,8 mm
8831	100	500		yellow	⅜"	19 x 27 x 1,8 mm
8803	100	500		yellow	½" small	20 x 30 x 1,8 mm
8947	100	500		yellow	DN 20	20 x 30 x 1,8 mm
8833	100	500		yellow	½" small	21 x 30 x 1,8 mm
8977	100	500		yellow	½" small	22 x 30 x 1,8 mm
8978	100	500		yellow	½" large	23 x 34 x 1,8 mm
8832	100	500		yellow	½" large	24 x 34 x 1,8 mm
8948	100	500		yellow	DN 25	25 x 38,5 x 1,8 mm
8834	100	500		yellow	¾"	27 x 38 x 1,8 mm
8979	100	500		yellow	1"	32 x 39 x 1,8 mm
8835	100	500		yellow	1"	32 x 44 x 1,8 mm
8836	100	500		yellow	1 ¼"	42 x 55 x 1,8 mm
8837	100	500		yellow	1 ½"	46 x 62 x 1,8 mm
8838	50	250		yellow	2"	60 x 78 x 1,8 mm
8839	10	50		yellow	2 ½"	75 x 97 x 1,8 mm
8840	10	50		yellow	3"	88 x 110 x 1,8 mm
8841	10	50		yellow	4"	120 x 148 x 1,8 mm



Drinking water fitting seals (EPDM) "W270 & UBA-ELL"



Our seal quality meets the requirements of BS 6920-1: 2000 (WRAS), tested and approved for use with drinking water the UBA Elastomer Guidelines and the DVGW Worksheet "W 270".

► not suitable for steam application!

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
20090	50	250		black	¼"	17 x 24 x 2 mm
20091	50	250		black	⅜"	19 x 27 x 2 mm
20093	50	250		black	½" small	21 x 30 x 2 mm
20092	50	250		black	½" large	24 x 34 x 2 mm
20094	50	250		black	¾"	27 x 38 x 2 mm
20095	50	250		black	1"	32 x 44 x 2 mm
20096	50	250		black	1¼"	42 x 55 x 2 mm
20097	50	250		black	1½"	46 x 62 x 2 mm
20098	50	250		black	2"	60 x 78 x 2 mm
20099	50	250		black	2½"	75 x 97 x 2 mm
20100	25	125		black	3"	88 x 110 x 2 mm
20101	25	125		black	4"	120 x 148 x 2 mm

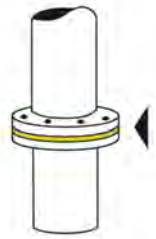
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



**Drinking water flange seals (OHA-Press) "W270 & UBA-ELL"
according to DIN EN 1092**

► the seals are non-stick coated on the sealing surface.
► not suitable for steam application!
► tested and approved for use with drinking water according to UBA guidelines and "W 270"

* Note: for detailed technical information, see chapter 21



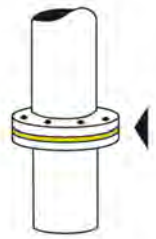
Article no.	PU	PU	PU	Colour	Size:	PN:	Dimensions in mm:
8900	10	50		yellow	DN 15	6	15 x 40 x 1,8 mm
8901	10	50		yellow	DN 20	6	20 x 50 x 1,8 mm
8902	10	50		yellow	DN 25	6	25 x 60 x 1,8 mm
8903	10	50		yellow	DN 32	6	32 x 70 x 1,8 mm
8904	10	50		yellow	DN 40	6	40 x 80 x 1,8 mm
8905	10	50		yellow	DN 50	6	50 x 90 x 1,8 mm
8906	10	50		yellow	DN 65	6	65 x 110 x 1,8 mm
8907	10	50		yellow	DN 80	6	80 x 128 x 1,8 mm
8908	10	50		yellow	DN 100	6	100 x 148 x 1,8 mm
8909	5	25		yellow	DN 125	6	125 x 178 x 1,8 mm
8910	5	25		yellow	DN 150	6	150 x 202 x 1,8 mm
8911	1	5		yellow	DN 175	6	175 x 232 x 1,8 mm
8912	1	5		yellow	DN 200	6	200 x 258 x 1,8 mm
8913	1	5		yellow	DN 250	6	250 x 312 x 1,8 mm
8914	1	5		yellow	DN 300	6	300 x 365 x 1,8 mm
8915	1	5		yellow	DN 350	6	325 x 415 x 1,8 mm



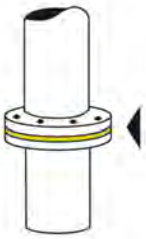
**Drinking water flange seals (OHA-Press) "W270 & UBA-ELL"
according to DIN EN 1092**

► the seals are non-stick coated on the sealing surface.
► not suitable for steam application!
► tested and approved for use with drinking water according to UBA guidelines and "W 270"

* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Size:	PN:	Dimensions in mm:
8920	10	50		yellow	DN 15	10	15 x 45 x 1,8 mm
8921	10	50		yellow	DN 20	10	20 x 58 x 1,8 mm
8922	10	50		yellow	DN 25	10	25 x 68 x 1,8 mm
8923	10	50		yellow	DN 32	10	32 x 78 x 1,8 mm
8924	10	50		yellow	DN 40	10	40 x 88 x 1,8 mm
8925	10	50		yellow	DN 50	10	50 x 102 x 1,8 mm
8926	10	50		yellow	DN 65	10	65 x 122 x 1,8 mm
8927	10	50		yellow	DN 80	10	80 x 138 x 1,8 mm
8928	10	50		yellow	DN 100	10	100 x 158 x 1,8 mm
8929	5	25		yellow	DN 125	10	125 x 188 x 1,8 mm
8930	5			yellow	DN 150	10	150 x 212 x 1,8 mm
8931	1	5		yellow	DN 175	10	175 x 242 x 1,8 mm
8932	1	5		yellow	DN 200	10	200 x 268 x 1,8 mm
8933	1	5		yellow	DN 250	10	250 x 320 x 1,8 mm
8934	1	5		yellow	DN 300	10	300 x 370 x 1,8 mm
8935	1	5		yellow	DN 350	10	350 x 430 x 1,8 mm
8936	1	5		yellow	DN 400	10	400 x 482 x 1,8 mm
8937	1	5		yellow	DN 500	10	500 x 585 x 1,8 mm
8938	1	5		yellow	DN 450	10	470 x 540 x 1,8 mm



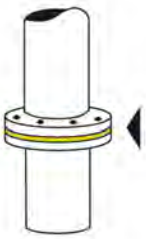
Drinking water flange seals (OHA-Press) "W270 & UBA-ELL"
according to DIN EN 1514-1

► the seals are non-stick coated on the sealing surface.
► not suitable for steam application!
► tested and approved for use with drinking water according to UBA guidelines and "W 270"

* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Size:	PN:	Dimensions in mm:
8850	50			yellow	DN 10	6	18 x 38 x 1,8 mm
8851	50			yellow	DN 15	6	22 x 43 x 1,8 mm
8852	50			yellow	DN 20	6	28 x 53 x 1,8 mm
8853	50			yellow	DN 25	6	35 x 63 x 1,8 mm
8854	50			yellow	DN 32	6	43 x 75 x 1,8 mm
8855	50			yellow	DN 40	6	49 x 85 x 1,8 mm
8856	50			yellow	DN 50	6	61 x 95 x 1,8 mm
8857	50			yellow	DN 65	6	77 x 115 x 1,8 mm
8858	50			yellow	DN 80	6	90 x 132 x 1,8 mm
8859	50			yellow	DN 100	6	115 x 152 x 1,8 mm
8860	25			yellow	DN 125	6	141 x 182 x 1,8 mm
8861	25			yellow	DN 150	6	169 x 207 x 1,8 mm
8862	1			yellow	DN 175	6	195 x 237 x 1,8 mm
8863	1			yellow	DN 200	6	220 x 262 x 1,8 mm
8864	1			yellow	DN 250	6	274 x 318 x 1,8 mm
8865	1			yellow	DN 300	6	325 x 373 x 1,8 mm



Drinking water flange seals (OHA-Press) "W270 & UBA-ELL"
according to DIN EN 1514-1

► the seals are non-stick coated on the sealing surface.
► not suitable for steam application!
► tested and approved for use with drinking water according to UBA guidelines and "W 270"

* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Size:	PN:	Dimensions in mm:
8870	50	250		yellow	DN 10	10/16/40	18 x 45 x 1,8 mm
8871	50			yellow	DN 15	10/16/40	22 x 50 x 1,8 mm
8872	50			yellow	DN 20	10/16/40	28 x 60 x 1,8 mm
8873	50			yellow	DN 25	10/16/40	35 x 70 x 1,8 mm
8874	50			yellow	DN 32	10/16/40	43 x 82 x 1,8 mm
8875	50			yellow	DN 40	10/16/40	49 x 92 x 1,8 mm
8876	10			yellow	DN 50	10/16/40	61 x 107 x 1,8 mm
8877	10			yellow	DN 65	10/16/40	77 x 127 x 1,8 mm
8878	10			yellow	DN 80	10/16/40	90 x 142 x 1,8 mm
8879	10			yellow	DN 100	16	115 x 162 x 1,8 mm
8880	25			yellow	DN 125	16	141 x 192 x 1,8 mm
8881	25			yellow	DN 150	16	169 x 218 x 1,8 mm
8882	25			yellow	DN 175	16	195 x 248 x 1,8 mm
8883	25			yellow	DN 200	16	220 x 273 x 1,8 mm
8884	10			yellow	DN 250	10	274 x 328 x 1,8 mm
8885	10			yellow	DN 300	10	325 x 378 x 1,8 mm
8886	1			yellow	DN 350	10	368 x 438 x 1,8 mm
8887	1			yellow	DN 400	10	420 x 490 x 1,8 mm
8888	1			yellow	DN 500	10	520 x 595 x 1,8 mm
8889	25			yellow	DN 100	40	115 x 168 x 1,8 mm
8891	25			yellow	DN 150	40	169 x 225 x 1,8 mm
8892	25			yellow	DN 175	40	195 x 267 x 1,8 mm
8893	10			yellow	DN 200	40	220 x 292 x 1,8 mm
8895	1			yellow	DN 300	40	325 x 418 x 1,8 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

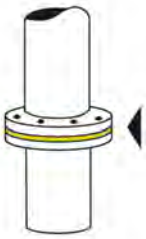


Drinking water flange seals (EPDM) "W270 & UBA-ELL" according to DIN EN 1514-1

Our seal quality meets the requirements of BS 6920-1: 2000 (WRAS). Tested and approved for use with drinking water according to the UBA Elastomer Guidelines and DVGW Worksheet "W 270".

► not suitable for steam application!
► the seals are non-stick coated on the sealing surface

Material: EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Size:	PN:	Dimensions in mm:
20060	50			black	DN 10	10/16/40	18 x 45 x 2 mm
20061	50			black	DN 15	10/16/40	22 x 50 x 2 mm
20062	50			black	DN 20	10/16/40	28 x 60 x 2 mm
20063	25			black	DN 25	10/16/40	35 x 70 x 2 mm
20064	10			black	DN 32	10/16/40	43 x 82 x 2 mm
20065	10			black	DN 40	10/16/40	49 x 92 x 2 mm
20066	10			black	DN 50	10/16/40	61 x 107 x 2 mm
20067	10			black	DN 65	10/16/40	77 x 127 x 2 mm
20068	10			black	DN 80	10/16/40	90 x 142 x 2 mm
20069	10			black	DN 100	16	115 x 162 x 2 mm
20070	5			black	DN 125	16	141 x 192 x 2 mm
20071	5			black	DN 150	16	169 x 218 x 2 mm
20072	1			black	DN 175	16	195 x 248 x 2 mm
20073	1			black	DN 200	16	220 x 273 x 2 mm
20074	1			black	DN 250	10	274 x 328 x 2 mm
20075	1			black	DN 300	10	325 x 378 x 2 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Drinking water seals for union nuts (OHA-Press) "W 270" & "UBA-ELL"

The seals are non-stick coated on the sealing surface. Not suitable for steam application! Tested and approved for use with drinking water according to UBA guidelines and "W 270".

* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Dimensions in mm:	Compatible for:
8974	100	500		yellow	6 x 10 x 1,8 mm	Spigot nut
8975	100	500		yellow	8 x 15 x 1,8 mm	Spigot nut ⅜"
8846	100	500		yellow	9 x 15 x 1,8 mm	Spigot nut ⅜"
8980	100	500		yellow	10 x 14 x 1,8 mm	Spigot nut
8981	100	500		yellow	10 x 15 x 1,8 mm	Spigot nut
8847	100	500		yellow	10 x 18 x 1,8 mm	Spigot nut ½"
8982	100	500		yellow	11 x 18,5 x 1,8 mm	Spigot nut
8828	100	500		yellow	12 x 18 x 1,8 mm	Spigot nut ½"
8823	100	500		yellow	12 x 24 x 1,8 mm	Spigot nut ¾"
8826	100	500		yellow	13 x 18 x 1,8 mm	Spigot nut ½"
8827	100	500		yellow	15 x 24 x 1,8 mm	Spigot nut ¾"
8824	100	500		yellow	30 x 38 x 1,8 mm	Spigot nut 1¼"
8965	100	500		yellow	37 x 44 x 1,8 mm	Spigot nut 1½"
8825	100	500		yellow	42 x 55 x 3,0 mm	Spigot nut 2"



Rubber-Spigot-Cone, (EPDM) "W 270" & "UBA-ELL"

Suitable for drinking water use according to UBA elastomer guidelines and "W 270".

Material: EPDM, aging & weather resistant according to DIN EN 681-1



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm.	Height in mm:
3106	100	500		black	4 mm	17 mm	8 mm





OHA water tap washers disk with hole (EPDM) "W 270" & "UBA-ELL"

Molded, therefore very stable. The seals for hot and cold water, with a stamped size stamp in mm, packed in a polybag. Suitable for drinking water use according to UBA elastomer guidelines and "W 270".

Material: EPDM, aging & weather resistant according to DIN EN 681-1

* Note: for detailed technical information, see chapter 21

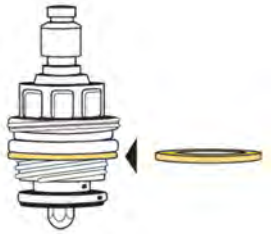


Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
23511	100	500		black	⅛" + ¼"	11 x 4 x 4,0 mm
23512	100	500		black	¼"	12 x 5 x 4,0 mm
23513	100	500		black	¼" + ⅜"	13 x 5 x 4,0 mm
23514	100	500		black	⅜"	14 x 4 x 4,0 mm
23515	100	500		black	⅜" + ½"	15 x 5 x 4,5 mm
23516	100	500		black	½"	16 x 4 x 4,5 mm
23517	100	500		black	½"	17 x 4 x 4,5 mm
23518	100	500		black	½"	18 x 4 x 4,0 mm
23520	100	500		black	⅝"	20 x 5 x 4,5 mm
23522	100	500		black	¾"	22 x 4 x 4,5 mm
23523	100	500		black	¾"	23 x 5 x 4,5 mm
23524	100	500		black	¾"	24 x 4 x 4,5 mm
23528	100	500		black	1"	28 x 4 x 4,5 mm
23536	100	500		black	1¼"	36 x 7 x 5,5 mm
23542	100	500		black	1½"	42 x 7 x 5,5 mm
23555	100	500		black	2"	55 x 10 x 7,0 mm
23570	100	500		black	2½"	70 x 10 x 7,0 mm



Fiber rings for tap tops and union nuts "W270 & UBA-ELL"

Suitable as cold & Hot water seal, permanent temperature resistant up to +90° C. Tested and approved for use with drinking water according to UBA guidelines. Exclusively for use with drinking water suitable.



Article no.	PU	PU	PU	Colour	Dimensions in mm:	compatible for spigot upper parts:
7381	100	500		red	8 x 14 x 1,0 mm	Spigot nut ⅜"
7336	100	500		red	9 x 14 x 1,0 mm	Spigot nut ⅜"
7337	100	500		red	10 x 18 x 1,5 mm	Spigot nut ½"
7338	100	500		red	12 x 18 x 1,5 mm	Spigot nut ½"
7332	100	500		red	12 x 19 x 1,5 mm	Shower hose - Sipgot nut
7320	100	500		red	12 x 24 x 3,0 mm	Reducing valves
7340	100	500		red	13 x 17 x 1,5 mm	¼" + Drain valve
7476	100	500		red	15 x 24 x 2,5 mm	
7348	100	500		red	16 x 24 x 2,5 mm	S-Connection (dachshundfeet)
7341	100	500		red	17 x 21 x 1,5 mm	⅜"
7339	100	500		red	17 x 24 x 1,5 mm	Spigot nut ¾", S-Connection (dachshundfeet)
7473	100	500		red	19 x 30 x 1,5 mm	
7342	100	500		red	21 x 25 x 1,5 mm	½"
7472	100	500		red	22 x 26 x 1,5 mm	
7847	100	500		red	22 x 30 x 1,5 mm	
7480	100	500		red	23 x 29 x 2,0 mm	
7483	100	500		red	26,5 x 32 x 1,5 mm	
7343	100	500		red	27 x 32 x 1,5 mm	¾"
7848	100	500		red	30 x 38 x 1,5 mm	
8799	100	500		red	30 x 38 x 2,0 mm	
7344	100	1000		red	33 x 40 x 1,5 mm	1"
7456	100	500		red	34 x 40 x 2,0 mm	
7345	100	500		red	42 x 51 x 1,5 mm	1¼"
7457	100	500		red	43 x 50,5 x 2,0 mm	
7346	100	500		red	48 x 58 x 1,5 mm	1½"
7347	100	500		red	60 x 70 x 1,5 mm	2"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Gaspressure regulator & fitting seals (OHA-Press) "DIN 30653" acc. to DIN 33822 & DIN 3258

Our quality OHA-Press is tested and approved according to the DVGW regulation "DIN 30653" as flat gasket material for the gas installation, HTB-resistant (650° C / 5 bar).

► according to DIN 3535-6 (DVGW and SVGW approval)
► use in oxygen (BAM DIN 1797: 2002-02)
► non-stick coated surface
► WITH 1 RED COLOR MARKS

* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
88830	100	500		yellow	¼"	17 x 24 x 1,8 mm
88831	100	500		yellow	⅜"	19 x 27 x 1,8 mm
88833	100	500		yellow	½" small	21 x 30 x 1,8 mm
88832	100	500		yellow	½" large	24 x 34 x 1,8 mm
88834	100	500		yellow	¾"	27 x 38 x 1,8 mm
88842	100	500		yellow	1 ¼"	30 x 39 x 1,8 mm
88835	100	500		yellow	1"	32 x 44 x 1,8 mm
88836	100	500		yellow	1 ¼"	42 x 55 x 1,8 mm
88837	100	500		yellow	1½"	46 x 62 x 1,8 mm
88838	100	500		yellow	2"	60 x 78 x 1,8 mm
88839	100	500		yellow	2½"	75 x 97 x 1,8 mm
88840	100	500		yellow	3"	88 x 110 x 1,8 mm
88841	10	200		yellow	4"	120 x 148 x 1,8 mm



Gas shut-off valve and gas ball valve seal (OHA-Press) according to DIN 33822 & DIN 3258

For screw connections. Our OHA-Press quality is tested and approved according to the DVGW regulation "DIN 30653" as flat gasket material for the gas installation, HTB-resistant (650° C / 5 bar).

► according to DIN 3535-6 (DVGW and SVGW approval)
► use in oxygen (BAM DIN 1797: 2002-02)
► non-stick coated surface
► WITH 1 RED COLOR MARKS

* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
89000	100	500		yellow	R ⅜"	16 x 23,5 x 1,8 mm
89001	100	500		yellow	R ½"	21 x 27 x 1,8 mm
89002	100	500		yellow	R ¾"	25 x 34,5 x 1,8 mm
89003	100	500		yellow	R 1"	31 x 41 x 1,8 mm
89004	100	500		yellow	R 1¼"	39 x 49 x 1,8 mm



Gas shut-off valve and gas ball valve gasket (Rubber) "DIN30653"

Gaskets made of HTB certified quality for gas stopcocks. The NBR special quality used was also tested according to the following regulations and approved according to DIN EN 549 and DIN EN 682.

Application range for pressure range <= 0,1 bar: Screw connections for gas meters and pressure regulators according to DIN 3376-1, DIN 3376-2 and DIN EN 10242.

► With 1 WHITE COLOR MARK



Article no.	PU	PU	PU	Colour	Colourmarks:	Size:	Dimensions in mm:
8630	50	250		black	red line	R ⅜"	16 x 23,5 x 2,0 mm
8632	50	250		black	red line	R ¾"	25 x 34,5 x 2,0 mm
8633	50	250		black	red line	R 1"	31 x 41,0 x 2,5 mm
8634	50	250		black	red line	R 1¼"	39 x 50,5 x 2,5 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Two-spout gas meter sealing (rubber) "DIN 30653 according to DIN 3376 part 1

Seals made of HTB tested quality for gas meter screw connections. The used NBR special quality was further tested and approved according to the following regulations DIN EN 549 and DIN EN 682.

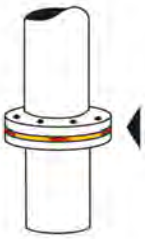
Application range for pressure range <= 0.1 bar

► With 1 WHITE COLOR MARKING



Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
8625	50	250		black	white line	R ¾" / DN 20
8626	50	250		black	white line	R 1" / DN 25
8627	50	250		black	white line	R 1¼" / DN 32
8628	50	250		black	white line	R 1½"
8629	50	250		black	white line	R 2"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



**Gas flange seals (OHA-Press) "DIN 30653"
according to DIN EN 1092**

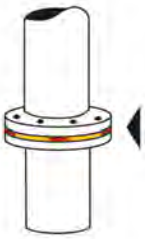
Our quality OHA-Press is tested and approved according to the DVGW regulation "DIN 30653" as flat gasket material for the gas installation, HTB-resistant (up to 650° C / 5 bar).

► according to DIN 3535-6 (DVGW and SVGW approval)
► use in oxygen (BAM DIN 1797: 2002-02)
► non-stick coated surface
► WITH 3 RED COLOR MARKS (offset by 120°)

* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Size:	PN:	Dimensions in mm:
88908	25	125		yellow	DN 100	6	100 x 148 x 1,8 mm
88900	50	250		yellow	DN 15	6	15 x 40 x 1,8 mm
88901	50	250		yellow	DN 20	6	20 x 50 x 1,8 mm
88902	50	250		yellow	DN 25	6	25 x 60 x 1,8 mm
88903	50	250		yellow	DN 32	6	32 x 70 x 1,8 mm
88904	50	250		yellow	DN 40	6	40 x 80 x 1,8 mm
88905	50	250		yellow	DN 50	6	50 x 90 x 1,8 mm
88906	50	250		yellow	DN 65	6	65 x 110 x 1,8 mm
88907	25	125		yellow	DN 80	6	80 x 128 x 1,8 mm



**Gas flange seals (OHA-Press) "DIN 30653"
according to DIN EN 1092**

Our quality OHA-Press is tested and approved according to the DVGW regulation "DIN 30653" as flat gasket material for the gas installation, HTB-resistant (650° C / 5 bar).

► according to DIN 3535-6 (DVGW and SVGW approval)
► use in oxygen (BAM DIN 1797: 2002-02)
► non-stick coated surface
► WITH 3 RED COLOR MARKS (offset by 120°)

* Note: for detailed technical information, see chapter 21



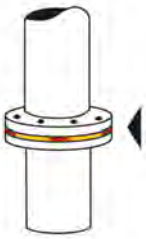
Article no.	PU	PU	PU	Colour	Size:	PN:	Dimensions in mm:
88920	50	250		yellow	DN 15	10	15 x 45 x 1,8 mm
88921	50	250		yellow	DN 20	10	20 x 58 x 1,8 mm
88922	50	250		yellow	DN 25	10	25 x 68 x 1,8 mm
88923	50	250		yellow	DN 32	10	32 x 78 x 1,8 mm
88924	50	250		yellow	DN 40	10	40 x 88 x 1,8 mm
88925	10	50		yellow	DN 50	10	50 x 102 x 1,8 mm
88926	50	250		yellow	DN 65	10	65 x 122 x 1,8 mm
88927	50	250		yellow	DN 80	10	80 x 138 x 1,8 mm
88928	50	250		yellow	DN 100	10	100 x 158 x 1,8 mm
88930	25	125		yellow	DN 150	10	150 x 212 x 1,8 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Gas flange seals (OHA-Press) "DIN 30653"
according to DIN EN 1514-1

Our quality OHA-Press is tested and approved according to the DVGW regulation "DIN 30653" as flat gasket material for the gas installation, HTB-resistant (650° C / 5 bar).

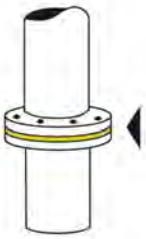


► according to DIN 3535-6 (DVGW and SVGW approval)
► use in oxygen (BAM DIN 1797: 2002-02)
► non-stick coated surface
► WITH 3 RED COLOR MARKS (offset by 120°)

* Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	PN:	Dimensions in mm:
88870	50	250		yellow	DN 10	10/40	18 x 45 x 1,8 mm
88871	50	250		yellow	DN 15	10/40	22 x 50 x 1,8 mm
88872	50	250		yellow	DN 20	10/40	28 x 60 x 1,8 mm
88873	50	250		yellow	DN 25	10/40	35 x 70 x 1,8 mm
88874	50	250		yellow	DN 32	10/40	43 x 82 x 1,8 mm
88875	50	250		yellow	DN 40	10/40	49 x 92 x 1,8 mm
88876	50	250		yellow	DN 50	10/40	61 x 107 x 1,8 mm
88877	25	125		yellow	DN 65	10/40	77 x 127 x 1,8 mm
88878	50	250		yellow	DN 80	10/40	90 x 142 x 1,8 mm
88879	50	250		yellow	DN 100	10/16	115 x 162 x 1,8 mm
88880	50	250		yellow	DN 125	10/16	141 x 192 x 1,8 mm
88881	25	125		yellow	DN 150	10/16	169 x 218 x 1,8 mm
88882	25	125		yellow	DN 175	10/16	195 x 248 x 1,8 mm
88883	25	125		yellow	DN 200	10/16	220 x 273 x 1,8 mm
88884	10	50		yellow	DN 250	10	274 x 328 x 1,8 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Gas flange seals with steel sheet type WG (Rubber) according to DIN EN 1514-1

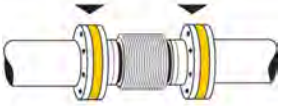
In NBR quality, suitable for gas and oil. DVGW tested and approved according to DIN EN 682 as elastomer sealing material for gas supply lines and their components.

► Temperature range: -5° C to +50° C

* Other dimensions available upon request.



Article no.	PU	PU	PU	Colour	Size:	PN:	Dimensions in mm:
7080	1	5		black	DN 40	10/40	49 x 92 x 3 mm
7081	1	150		black	DN 50	10/40	61 x 107 x 4 mm
7082	1	5		black	DN 65	10/40	77 x 127 x 4 mm
7083	1	5		black	DN 80	10/40	90 x 142 x 4 mm
7084	1	50		black	DN 100	10/16	115 x 162 x 5 mm
7085	1	50		black	DN 125	10/16	141 x 192 x 5 mm
7086	1	5		black	DN 150	10/16	169 x 218 x 5 mm
7087	1	5		black	DN 200	10/16	220 x 273 x 6 mm
7088	1	50		black	DN 250	10	274 x 328 x 6 mm
7089	1	5		black	DN 300	10	325 x 378 x 6 mm



Gas flange seals (Rubber)

The seal for gas fittings in the house installation. Applicable for an operating pressure of 4 bar. DVGW approved and tested according to DIN EN 682 type GB, DIN EN 549 and VP 406-A7. From special rubber quality no. 124182, smooth on both sides, resistant to natural gas, liquefied petroleum gas, grease, oils, petrol, acids, alkalis.

► Temperature resistance: - 5° C to +50° C.

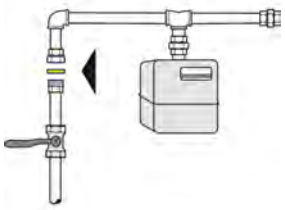


Article no.	PU	PU	PU	Colour	Size:	Dimmensions in mm:
8540	50	250		black	DN 20	25 x 60 x 3 mm
8541	50	250		black	DN 25	35 x 70 x 3 mm
8542	50	250		black	DN 32	40 x 80 x 3 mm
8543	10	50		black	DN 40	48 x 92 x 3 mm
8544	50	250		black	DN 50	61 x 107 x 3 mm
8545	10	50		black	DN 65	76 x 127 x 3 mm
8546	10	50		black	DN 80	89 x 142 x 3 mm
8547	10	50		black	DN 100	115 x 162 x 3 mm
8548	10	50		black	DN 125	141 x 192 x 3 mm
8549	10	50		black	DN 150	169 x 218 x 3 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Seals for Gas armature (Rubber)



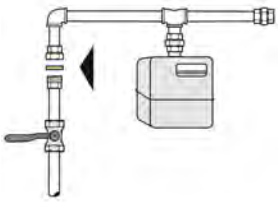
The seal for gas fittings in the house installation. Applicable for an operating pressure of 4 bar. DVGW approved and tested according to DIN EN 682 type GB, DIN EN 549 and VP 406-A7. From special rubber quality No. 124182, smooth on both sides, resistant to natural gas, liquefied petroleum gas, grease, oils, petrol, acids, alkalis.

► Temperature resistance: -5° C to +50° C.

Article no.	PU	PU	PU	Colour	Dimensions in mm:	Compatible for:	Use:
8600	100	500		black	16 x 23,5 x 2,0 mm	⅜"	Gas connection acc. to DIN 3258
8601	100	500		black	20 x 27,5 x 2,0 mm	½"	Gas connection acc. to DIN 3258
8605	100	500		black	22,5 x 29 x 3,0 mm	¾"	Gas meter fitting acc. to DIN 3376
8602	100	500		black	25 x 34,5 x 2,0 mm	¾"	Gas connection acc. to DIN 3258
8606	100	500		black	30,5 x 37 x 3,0 mm	1"	Gas meter fitting acc. to DIN 3376
8612	100	500		black	31 x 41,0 x 2,0 mm	1"	Gas connection acc. to DIN 3258
8603	100	500		black	31 x 41,0 x 2,5 mm	1"	Gas connection acc. to DIN 3258
8613	100	500		black	39 x 50,5 x 2,0 mm	1¼"	Gas meter fitting acc. to DIN 3376
8607	100	500		black	39,5 x 49 x 3,0 mm	1¼"	Gas meter fitting acc. to DIN 3376
8604	100	500		black	39 x 50,5 x 2,5 mm	1¼"	Gas connection acc. to DIN 3258
8614	100	500		black	45,5 x 55 x 2,0 mm	1½"	Gas meter fitting acc. to DIN 3376
8608	10	50		black	45,5 x 55 x 3,0 mm	1½"	Gas meter fitting acc. to DIN 3376
8609	5	15		black	58,5 x 70 x 3,0 mm	2"	Gas meter fitting acc. to DIN 3376



Gas fitting seals (Rubber)

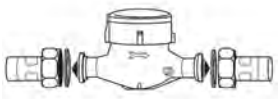


The seal for gas fittings in the house installation. Applicable for an operating pressure of 4 bar. DVGW approved and tested according to DIN EN 682 type GB, DIN EN 549 and VP 406-A7. From special rubber quality no. 124182, smooth on both sides, resistant to natural gas, liquefied petroleum gas, grease, oils, petrol, acids, alkalis.

► Temperature resistance: -5° C to +50° C.

Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
8640	100	500		black	¼" = ⅜" small	17 x 24 x 3 mm
8641	100	500		black	⅜"	19 x 27 x 3 mm
8643	100	500		black	½" small	21 x 30 x 3 mm
8642	100	500		black	½" large	24 x 34 x 3 mm
8644	100	500		black	¾"	27 x 38 x 3 mm
8645	100	500		black	1"	32 x 44 x 3 mm
8646	100	500		black	1¼"	42 x 55 x 3 mm
8647	100	500		black	1½"	46 x 62 x 3 mm
8648	100	500		black	2"	60 x 78 x 3 mm
8649	50	250		black	2½"	75 x 97 x 3 mm
8650	10	50		black	3"	88 x 110 x 3 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Water meter seals for cold water meters (PE-LD)



Suitable for water meter fittings. Material: PE-LD, tested and approved according to the KTW Guidelines of the Federal Environmental Agency (UBA) and meets the requirements for drinking water of the DVGW work sheet "W270".

*Note: Exclusively for use with drinking water suitable.

Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
6121	100	500		white	½"	17 x 24 x 2 mm
6118	100	500		white	¾"	23 x 29 x 2 mm for 5 m˜ Water meter
6119	100	500		white	1"	29 x 37 x 2 mm for 10 m˜ Water meter
6138	100	500		white	1¼"	35 x 45 x 2 mm
6120	100	500		white	1½"	43 x 54 x 2 mm
6164	100	500		white	½"	17 x 24 x 3 mm
6166	100	500		white	¾"	23 x 29 x 3 mm for 5 m˜ Water meter
6167	100	500		white	1"	29 x 37 x 3 mm for 10 m˜ Water meter
6139	50	250		white	1¼"	35 x 45 x 3 mm
6168	50	250		white	1½"	43 x 54 x 3 mm



Water meter seals for hot water meters (OHA-Press) "W 270" & "UBA-ELL"



The seals are non-stick coated on the sealing surface. Not suitable for steam application! Tested and approved for use with drinking water according to UBA guidelines

* Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
8844	100	500		yellow	½"	17 x 24 x 1,8 mm
8845	100	500		yellow	¾"	23 x 29 x 1,8 mm for 5 m˜ Water meter
8867	100	500		yellow	1"	29 x 37 x 1,8 mm for 10 m˜ Water meter
9001	100	500		yellow	1¼"	35 x 45 x 1,8 mm
9002	50	250		yellow	1½"	45 x 55 x 1,8 mm
8964	50	250		yellow	1½"	48 x 56 x 1,8 mm



NEW

Water meter seals for hot & cold water meters (EPDM) W 270 & UBA-ELL



Suitable for water meter screw connections. Approved according to KTW-BWGL (D), ACS (F), Belgaqua (B) and KIWA-ATA (NL), AS/NZS (Austr.).

► Ozone resistant
► Hardness; 90 Shore-A
► Temperature resistance; -45°C to +130°C

Material: EPDM, resistant to aging and weathering according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
6450	100	500		black	½"	17 x 24 x 2 mm
6451	100	500		black	¾"	23 x 29 x 2 mm for 5 m˜ Watermeter
6452	100	500		black	1"	29 x 37 x 2 mm for 10 m˜ Watermeter
6453	25	125		black	1¼"	35 x 45 x 2 mm
6454	25	125		black	1½"	45 x 55 x 2 mm
6455	25	125		black	1½"	48 x 56 x 2 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber crush seal (EPDM)

Material (rubber): EPDM, aging & weather resistant according to DIN EN 681-1

* Note: the seal is suitable for industrial use but not tested or approved for drinking water contact!
* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Dimensions in mm:	Compatible for crush fittings:
7360	100	500		black	8 x 14,0 x 4 mm	⅜" x 8 mm (low pressure)
7361	100	500		black	10 x 14,0 x 4 mm	⅜" x 10 mm
7365	100	500		black	12 x 15,0 x 4 mm	⅜" x 12 mm
7362	100	500		black	8 x 18,0 x 4 mm	½" x 8 mm (low pressure)
7363	100	500		black	10 x 18,0 x 4 mm	½" x 10 mm
7364	100	500		black	12 x 18,0 x 4 mm	½" x 12 mm
7366	100	500		black	14 x 18,0 x 4 mm	STIEBEL®-Sich.Group
7367	100	500		black	16 x 20,5 x 4 mm	STIEBEL®-Bath battery
7368	100	500		black	18 x 24,0 x 4 mm	Bathing stove-riser ¾"



Seals for spigot nuts (Rubber)

► with insert.

* Note: the seal is suitable for industrial use but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Dimensions in mm:	Compatible for:
8610	100	500		black	14 x 22 x 2 mm	Spigot nut ¾"
8611	100	500		black	22 x 28 x 2 mm	Spigot nut 1"
8147	100	500		black	8 x 15 x 3 mm	Spigot nut ⅜"
8148	100	500		black	10 x 18 x 3 mm	Spigot nut ½"
8395	100	500		black	14 x 22 x 3 mm	Spigot nut ¾"
8396	100	500		black	22 x 28 x 3 mm	Spigot nut 1"



Seals for spigot nuts (Rubber)

► with woven insert.

* Note: the seal is suitable for industrial use but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Dimensions in mm:	Compatible for:
8142	100	500		black	39 x 30 x 3 mm	Spigot nut 1¼"
8143	50	250		black	35 x 45 x 3 mm	Spigot nut 1½"
8145	100	500		black	45 x 55 x 3 mm (NEW)	Spigot nut 2"
8141	100	500		black	14 x 22 x 3 mm	Spigot nut ¾"



Seals for spigot nuts (OHA special)

* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Dimensions in mm:	Compatible for:
8958	25			yellow	10 x 15 x 2 mm	Spigot nut ⅜" narrow
8959	50			yellow	15 x 24 x 2 mm	Spigot nut ¾"
8966	25			yellow	10 x 14 x 2 mm	Spigot nut ⅜"
8967	25			yellow	6 x 10 x 2 mm	Spigot nut ¼"
8024	25			yellow	11 x 18,5 x 2 mm	Spigot nut ½"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!





Water tap washers disk with hole (Rubber)

Molded, therefore very stable. The seal for hot and cold water, usable for temperatures up to +100° C, Shore A 90°, with embossed size punch in mm, packed in the PE bag.

* Note: the seal is suitable for industrial use but not tested or approved for drinking water contact!
* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
3511	100	500		black	⅛" + ¼"	11 x 4 x 4,0 mm
3512	100	500		black	¼"	12 x 5 x 4,0 mm
3513	100	500		black	¼" + ⅜"	13 x 5 x 4,0 mm
3514	100	500		black	⅜"	14 x 4 x 4,0 mm
3515	100	500		black	⅜" + ½"	15 x 5 x 4,5 mm
3516	100	500		black	½"	16 x 4 x 4,5 mm
3517	100	500		black	½"	17 x 4 x 4,5 mm
3518	100	500		black	½"	18 x 4 x 4,0 mm
3520	100	500		black	⅝"	20 x 5 x 4,5 mm
3522	100	500		black	¾"	22 x 4 x 4,5 mm
3523	100	500		black	¾"	23 x 5 x 4,5 mm
3524	100	500		black	¾"	24 x 4 x 4,5 mm
3528	100	500		black	1"	28 x 4 x 4,5 mm
3536	100	500		black	1¼"	36 x 7 x 5,5 mm
3542	100	500		black	1½"	42 x 7 x 5,5 mm
3555	10	50		black	2"	55 x 10 x 7,0 mm
3570	100	500		black	2½"	70 x 10 x 7,0 mm





Tap washer disk (PTFE)

The special tap seals, heat resistant up to +250 ° C and insensitive to most chemical media, for hot water fittings above +100 ° C, or steam. The high-quality alternative to our OHA washers.

* Note: the seal is suitable for industrial use but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
8780	100	500		white	¼" + ⅜"	13 x 4 x 4 mm
8781	100	500		white	⅜"	14 x 4 x 4 mm
8783	100	500		white	½"	16 x 5 x 4 mm
8784	100	500		white	½"	17 x 5 x 4 mm
8785	100	500		white	¾"	22 x 5 x 4 mm
8786	100	500		white	¾"	23 x 5 x 4 mm
8787	100	500		white	¾"	24 x 5 x 4 mm
8788	100	500		white	1"	28 x 6,5 x 4 mm
8789	100	500		white	1¼"	36 x 7 x 4 mm
8790	50	250		white	1½"	42 x 7 x 4 mm
8791	50	250		white	2"	55 x 10 x 4 mm



Tap washer cone, dom cone (Rubber)

Half round version, for hot and cold water. Shore A 90°, molded. Can be used for temperatures up to +100° C.

* Note: the seal is suitable for industrial use but not tested or approved for drinking water contact!
* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3107	100	500		black	4 mm	17 mm	8 mm

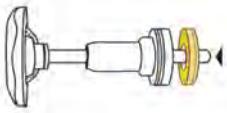
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



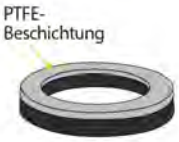
Valve gasket

Suitable for GROHE® Longlife top, molded, therefore more stable.

* Note: the seal is suitable for industrial use but not tested or approved for drinking water contact!
* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3660	100	500		black	5,6 mm	16,4 mm	5,6 mm

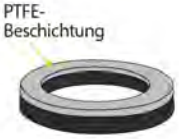


Solar fitting seals

► silicone seal with a PTFE coating
► temperature resistance up to +220° C
► resistance to glycol
► no slipping out of the screw connection
► max. overpressure 7 bar



Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:	Tightening torque:
8950	25	100		black	⅜"	9 x 15 x 2 mm	5 Nm
8951	25	100		black	½"	12 x 18 x 2 mm	5 Nm
8952	25	100		black	¾"	17 x 24 x 2 mm	7 Nm
8953	25	100		black	1"	23 x 30 x 2 mm	7 Nm
8954	25	100		black	1¼"	30 x 44 x 2 mm	10 Nm



Solar Seal Assortment

Solar screwed gaskets made of high quality silicone in black, one side with PTFE coating. No slipping out of the screw connection and no squeezing or breaking of the seal possible. Resistant to glycol and temperature resistance up to +220° C.



Article no.	PU	PU	PU	Colour	Size:	Total content:
8955	1	18		black	210 x 110 x 35 mm	150 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
8950	25	Solar fittings gasket 3/8"	9,00 x 15,00 x 2,00 mm
8951	25	Solar fittings gasket 1/2"	12,00 x 18,00 x 2,00 mm
8952	50	Solar fittings gasket 3/4"	17,00 x 24,00 x 2,00 mm
8953	50	Solar fittings gasket 1"	23,00 x 30,00 x 2,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

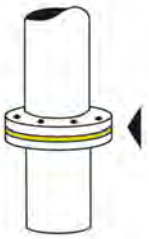


Graphite flange seals according to DIN EN 1514-1

Material: Reingraphite, 2 mm thick with stainless steel skewer sheet inlay. For sealing at high temperatures as well as aggressive media in pipeline, machine and apparatus construction, power plants and in the energy supply sector, in particular also in steam lines, as well as in solar systems since glycol-resistant. Tested and approved by DVGW DIN 3535-6, "W 270" and BAM and German Lloyd.

► Temperature resistant up to 450° C.

* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Size:	PN:	Dimensions in mm:
8321	10			grey	DN 10	10/16/40	18 x 45 mm
8322	10			grey	DN 15	10/16/40	22 x 50 mm
8302	10			grey	DN 20	6	28 x 53 mm
8323	10			grey	DN 20	10/16/40	28 x 60 mm
8303	10			grey	DN 25	6	35 x 63 mm
8324	10			grey	DN 25	10/16/40	35 x 70 mm
8304	10			grey	DN 32	6	43 x 74 mm
8325	10			grey	DN 32	10/16/40	43 x 82 mm
8326	10			grey	DN 40	10/16/40	49 x 92 mm
8306	10			grey	DN 50	6	61 x 95 mm
8327	10			grey	DN 50	10/16/40	61 x 107 mm
8307	10			grey	DN 65	6	77 x 115 mm
8328	10			grey	DN 65	10/16/40	77 x 127 mm
8308	10			grey	DN 80	6	90 x 132 mm
8329	10			grey	DN 80	10/16/40	90 x 142 mm
8330	10			grey	DN 100	16	115 x 162 mm
8331	5			grey	DN 125	16	141 x 192 mm
8332	5			grey	DN 150	16	169 x 218 mm
8333	5			grey	DN 175	16	195 x 248 mm
8334	5			grey	DN 200	16	220 x 273 mm
8335	1			grey	DN 250	10	274 x 328 mm
8336	1			grey	DN 300	10	325 x 378 mm
8337	1			grey	DN 350	10	368 x 438 mm
8338	1			grey	DN 400	10	420 x 490 mm



Graphite fitting seals

Material: Reingraphite, 2 mm thick with stainless steel skewer sheet inlay. For sealing at high temperatures as well as aggressive media in pipeline, machine and apparatus construction, power plants and in the energy supply sector, in particular also in steam lines, as well as in solar systems since glycol-resistant. Tested and approved by DVGW DIN 3535-6, "W 270" and BAM and German Lloyd.

► Temperature resistant up to 450° C.

* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
8353	10			grey	1"	32 x 44 mm
8350	10			grey	⅜"	19 x 27 mm
8359	10			grey	½" large	24 x 34 mm
8360	10			grey	½" small	21 x 30 mm
8351	10			grey	¾"	27 x 38 mm
8354	10			grey	1¼"	42 x 55 mm
8355	10			grey	1½"	46 x 62 mm
8356	10			grey	2"	60 x 78 mm
8358	10			grey	¼"	17 x 24 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Fittings seals (OHA special) according to DIN EN 1092

► high temperature resistant
► enormous adaptability, very high compressive strength
► safe handling thanks to high flexibility

* Note: The seal is suitable for industrial use but not tested or approved for drinking water contact!
* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
8000	25			yellow	¼"	17 x 24 x 2 mm
8001	25			yellow	⅜"	19 x 27 x 2 mm
8003	25			yellow	½" small	21 x 30 x 2 mm
8002	25			yellow	½" large	24 x 34 x 2 mm
8004	25			yellow	¾"	27 x 38 x 2 mm
8005	25			yellow	1"	32 x 44 x 2 mm
8006	25			yellow	1¼"	42 x 55 x 2 mm
8007	25			yellow	1½"	46 x 62 x 2 mm
8008	5			yellow	2"	60 x 78 x 2 mm
8009	5			yellow	2½"	75 x 97 x 2 mm
8010	5			yellow	3"	88 x 110 x 2 mm
8011	5			yellow	4"	120 x 148 x 2 mm



Fitting seals with one inlay (Rubber)

Temperature resistant up to max. +60° C for water. Suitable for flat-sealing pipe fittings.

* Note: the seal is suitable for industrial use but not tested or approved for drinking water contact!
* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
8410	100	500		black	¼"	17 x 24 x 3 mm
8411	100	500		black	⅜"	19 x 27 x 3 mm
8413	100	500		black	¾" small	21 x 30 x 3 mm
8412	100	500		black	½" large	24 x 34 x 3 mm
8414	100	500		black	¾"	27 x 38 x 3 mm
8415	100	500		black	1"	32 x 44 x 3 mm
8416	100	500		black	1¼"	42 x 55 x 3 mm
8417	100	500		black	1½"	46 x 62 x 3 mm
8418	100	500		black	2 "	60 x 78 x 3 mm

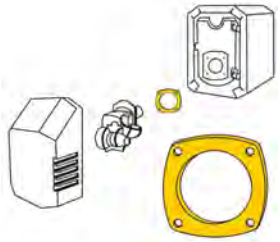
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Seals for burner, suitable for Weishaupt® oil burner

OHA face seal
► Temperature resistance: up to +750° C, heat conductivity at 400° C
► Medium temperature: 0.13 / Wmk, specific gravity: 1.00 g / cm³

Article no.	PU	PU	PU	Colour	Dimensions in mm:
5595	1			natural	149 x 106 x 6 mm
5596	1	5		natural	160 x 115 x 6 mm

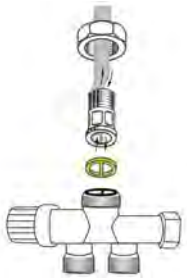




E-Z Valve Sealing (OHA-Press)

Radiator seal for E-Z valve with turbolator, self-adhesive on one side.

Article no.	PU	PU	PU	Colour	Dimensions in mm:
8968	100	500		yellow	17 x 23 x 2 mm



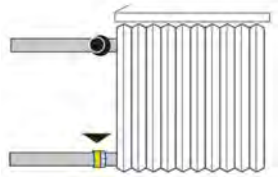


Radiator seals (OHA-Press)

Radiator seals in quality OHA-Press, suitable for gas, drinking water, oil and gasoline.

* Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
8848	100	500		yellow	1¼"	42 x 55 x 0,5 mm
8849	100	500		yellow	1¼"	42 x 55 x 1,0 mm
8866	100	500		yellow	1¼"	42 x 55 x 1,5 mm



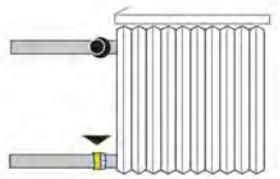


Radiator fitting seals (OHA-Press)

Suitable for gas, drinking water, oil and gasoline.

* Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
8940	100	500		yellow	⅜"	13 x 20 x 1,8 mm
8941	100	500		yellow	½"	16 x 22 x 1,8 mm
8942	100	500		yellow	¾"	23 x 30 x 1,8 mm
8943	100	500		yellow	1"	28 x 38 x 1,8 mm
8944	100	500		yellow	1¼"	36 x 45 x 1,8 mm



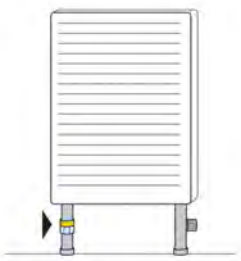


Seals for panel radiators (OHA-Press)

Gaskets for plate heaters, for connections and plugs, suitable for gas, drinking water, oil and gasoline.

* Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Dimensions in mm:
8868	100	300		yellow	½"	21 x 27 x 1,8 mm
8869	100	500		yellow	¾"	27 x 34 x 1,8 mm



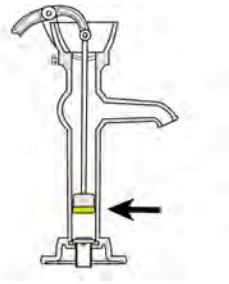
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Fire-resistant boiler putty

For boilers, ovens and stoves, for assembling and sealing of boilers, ovens, cookers, appliances, retorts, fire doors, etc. - Fire resistant to open fire +1000° C.



Article no.	PU	PU	PU	Colour	Content:
5330	1	24		grey	Can 250 g
5331	1	30		grey	Can 500 g
5332	1	18		grey	Can 1 kg



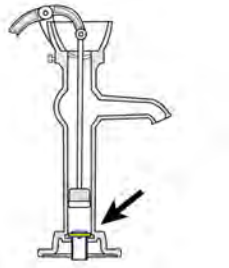
Leather cuffs with hole, cup shape

Cuffs suitable for piston pumps, made from the best core leather.

* Note: the seal is suitable for industrial use but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Outer-Ø:	Height:	Strength:
5175	5	25		brown	75 mm	20 mm	4 mm



Leather flap valves

Intended use and quality such as leather cuffs.

* Note: the seal is suitable for industrial use but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Outer-Ø:	Strap-Ø:
5185	5	20		brown	92 mm	75 mm

Leather rings 16 X 23 X 2 mm

Leather rings suitable for thread SR ¾ ", surface-sealing.

Material: leather fiber ring

* Note: The gasket is suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	A-Ø:	I-Ø:	Strength:
7474	10	50		brown	23 mm	16 mm	2 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Glass-Fiber-Round-Cords

Insulating materials made from glass yarns are extremely soft and supple.
Application limit temperature: max. +450° C, short term to +550° C

Article no.	PU	PU	PU	Colour	Cord Ø:	Roll length:
5804	20			white	8 mm	20 m
5805	20			white	10 mm	20 m
5806	10			white	12 mm	10 m
5808	5			white	20 mm	5 m
5885	1			white	6 mm	1 m (In the PE bag)
5886	1			white	8 mm	1 m (In the PE bag)
5887	10			white	10 mm	1 m (In the PE bag)



OHA-Glass-Fiber-Round-Cords with knitting braid (Oven door seal)

Insulating materials made of glass yarns are extremely soft and supple.
Application limit temperature: max. +450° C, short term to +550° C

Article no.	PU	PU	PU	Colour	Cord Ø:	Roll length:
5820	20			white	10 mm	20 m
5892	10			white	10 mm	1 m (In the PE bag)



OHA-Glass-Fiber-Round-Cords with knitting braid incl. glue

Insulating materials made of glass yarns are extremely soft and supple.
Application limit temperature: max. +450° C, short term to +550° C

► incl. glue

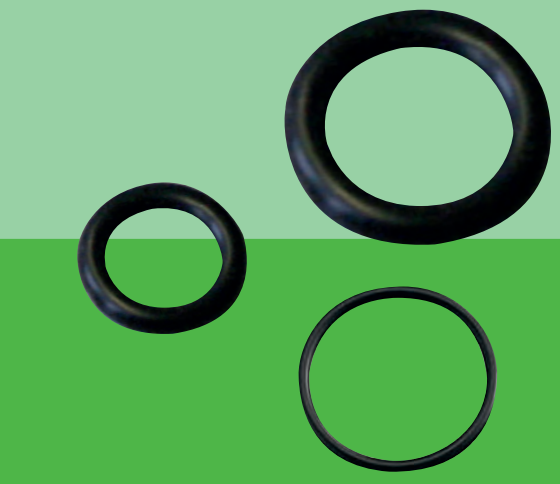
Article no.	PU	PU	PU	Colour	Cord Ø:	Roll length:
5810	1	5		white	6 mm	2,5 m (In the PE bag)
5811	1	5		white	8 mm	2,5 m (In the PE bag)
5812	1	5		white	10 mm	2,5 m (In the PE bag)

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

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Chapter 14
O-Rings





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Chapter 14

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Rubber-O-Rings

Good resistance to most oils and greases, good physical values, Eg high abrasion and stability. Temperature resistance: from -25° C to +120° C. Quality NBR, Shore A 70° (measured on test plates 6 mm thickness).

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!
* Note: for detailed technical information, see chapter 21



Article no.	PU	PU	PU	Colour	Inner Ø in mm:	O-ring cross-section, Ø in mm:
9107	100			black	6,20 mm	1,00 mm
9526	100			black	36,50 mm	1,00 mm
9118	100			black	6,07 mm	1,02 mm
9290	100			black	18,00 mm	1,15 mm
9108	100			black	6,50 mm	1,20 mm
9150	100			black	9,00 mm	1,20 mm
9472	100			black	32,00 mm	1,30 mm
9080	100			black	4,50 mm	1,50 mm
9102	100			black	6,00 mm	1,50 mm
9170	100			black	10,00 mm	1,50 mm
9202	100			black	12,00 mm	1,50 mm
9223	100			black	13,00 mm	1,50 mm
9250	100			black	15,00 mm	1,50 mm
9271	100			black	17,00 mm	1,50 mm
9332	100			black	21,00 mm	1,50 mm
9368	100			black	25,00 mm	1,50 mm
9426	100			black	27,80 mm	1,50 mm
9430	100			black	28,00 mm	1,50 mm
9313	100			black	19,30 mm	1,55 mm
9135	100			black	7,10 mm	1,60 mm
9145	100			black	8,10 mm	1,60 mm
9295	100			black	18,20 mm	1,70 mm
9600	100			black	2,90 mm	1,78 mm
9077	100			black	3,68 mm	1,78 mm
9601	100			black	4,48 mm	1,78 mm
9602	100			black	6,07 mm	1,78 mm
9138	100			black	7,65 mm	1,78 mm
9603	100			black	7,66 mm	1,78 mm
9165	100			black	9,25 mm	1,78 mm
9222	100			black	12,42 mm	1,78 mm
9243	100			black	14,00 mm	1,78 mm
9254	100			black	15,60 mm	1,78 mm
9297	100			black	18,77 mm	1,78 mm
9328	100			black	20,35 mmn	1,78 mm
9360	100			black	23,53 mm	1,78 mm
9375	100			black	26,70 mm	1,78 mm
9442	100			black	28,30 mm	1,78 mm
9491	100			black	34,65 mm	1,78 mm
9562	100			black	41,00 mm	1,78 mm
9591	100			black	50,52 mm	1,78 mm
9103	100			black	6,00 mm	1,80 mm
9122	100			black	6,80 mm	1,80 mm
9126	100			black	7,50 mm	1,80 mm
9085	100			black	5,70 mm	1,90 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber-O-Rings

Good resistance to most oils and greases, good physical values, Eg high abrasion and stability. Temperature resistance: from -25° C to +120° C. Quality NBR, Shore A 70° (measured on test plates 6 mm thickness).

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!
* Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Inner Ø in mm:	O-ring cross-section, Ø in mm:
9083	100			black	5,00 mm	2,00 mm
9104	100			black	6,00 mm	2,00 mm
9120	100			black	6,10 mm	2,00 mm
9134	100			black	7,00 mm	2,00 mm
9127	100			black	7,50 mm	2,00 mm
9128	100			black	7,80 mm	2,00 mm
9143	100			black	8,00 mm	2,00 mm
9188	100			black	10,00 mm	2,00 mm
9192	100			black	10,60 mm	2,00 mm
9193	100			black	11,00 mm	2,00 mm
9203	100			black	12,00 mm	2,00 mm
9229	100			black	13,80 mm	2,00 mm
9244	100			black	14,00 mm	2,00 mm
9252	100			black	15,00 mm	2,00 mm
9261	100			black	16,00 mm	2,00 mm
9273	100			black	17,00 mm	2,00 mm
9277	100			black	17,50 mm	2,00 mm
9292	100			black	18,00 mm	2,00 mm
9330	100			black	21,00 mm	2,00 mm
9345	100			black	22,00 mm	2,00 mm
9364	100			black	24,00 mm	2,00 mm
9372	100			black	26,00 mm	2,00 mm
9380	100			black	27,00 mm	2,00 mm
9431	100			black	28,00 mm	2,00 mm
9471	100			black	31,00 mm	2,00 mm
9474	100			black	32,00 mm	2,00 mm
9498	100			black	35,00 mm	2,00 mm
9522	100			black	36,00 mm	2,00 mm
9583	100			black	44,00 mm	2,00 mm
9588	100			black	50,00 mm	2,00 mm
9088	100			black	5,90 mm	2,05 mm
9196	100			black	11,80 mm	2,10 mm
9476	100			black	32,40 mm	2,10 mm
9124	100			black	7,20 mm	2,20 mm
9208	100			black	7,30 mm	2,40 mm
9142	100			black	8,00 mm	2,40 mm
9195	100			black	11,30 mm	2,40 mm
9220	100			black	12,30 mm	2,40 mm
9219	100			black	13,30 mm	2,40 mm
9246	100			black	14,00 mm	2,40 mm
9263	100			black	16,30 mm	2,40 mm
9326	100			black	20,30 mm	2,40 mm
9367	100			black	24,60 mm	2,40 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber-O-Rings

Good resistance to most oils and greases, good physical values, Eg high abrasion and stability. Temperature resistance: from -25° C to +120° C. Quality NBR, Shore A 70° (measured on test plates 6 mm thickness).

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

* Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Inner Ø in mm:	O-ring cross-section, Ø in mm:
9130	100			black	7,80 mm	2,50 mm
9131	100			black	7,90 mm	2,50 mm
9144	100			black	8,00 mm	2,50 mm
9194	100			black	11,00 mm	2,50 mm
9224	100			black	13,50 mm	2,50 mm
9245	100			black	14,00 mm	2,50 mm
9251	100			black	15,00 mm	2,50 mm
9262	100			black	16,00 mm	2,50 mm
9266	100			black	16,00 mm	2,50 mm
9294	100			black	18,00 mm	2,50 mm
9308	100			black	19,00 mm	2,50 mm
9323	100			black	20,00 mm	2,50 mm
9346	100			black	22,00 mm	2,50 mm
9370	100			black	25,00 mm	2,50 mm
9378	100			black	26,70 mm	2,50 mm
9381	100			black	27,00 mm	2,50 mm
9432	100			black	28,00 mm	2,50 mm
9463	100			black	30,00 mm	2,50 mm
9475	100			black	32,00 mm	2,50 mm
9500	100			black	35,00 mm	2,50 mm
9527	100			black	37,00 mm	2,50 mm
9584	100			black	45,00 mm	2,50 mm
9257	100			black	15,90 mm	2,55 mm
9278	100			black	17,70 mm	2,55 mm
9314	100			black	19,70 mm	2,55 mm
9362	100			black	23,50 mm	2,55 mm
9232	100			black	13,05 mm	2,60 mm
9255	100			black	15,55 mm	2,60 mm
9606	100			black	9,19 mm	2,62 mm
9169	100			black	9,92 mm	2,62 mm
9607	100			black	10,78 mm	2,62 mm
9221	100			black	12,37 mm	2,62 mm
9233	100			black	13,10 mm	2,62 mm
9231	100			black	13,95 mm	2,62 mm
9611	100			black	17,13 mm	2,62 mm
9299	100			black	18,72 mm	2,62 mm
9613	100			black	20,24 mm	2,62 mm
9327	100			black	20,29 mm	2,62 mm
9614	100			black	21,89 mm	2,62 mm
9373	100			black	26,64 mm	2,62 mm
9440	100			black	28,25 mm	2,62 mm
9490	100			black	34,59 mm	2,62 mm
9524	100			black	36,17 mm	2,62 mm
9528	100			black	37,77 mm	2,62 mm
9545	100			black	39,34 mm	2,62 mm
9585	100			black	45,69 mm	2,62 mm
9587	100			black	47,29 mm	2,62 mm
9592	100			black	50,47 mm	2,62 mm
9525	100			black	36,20 mm	2,65 mm
9225	100			black	13,40 mm	2,70 mm
9228	100			black	13,60 mm	2,70 mm
9256	100			black	15,60 mm	2,70 mm
9264	100			black	16,90 mm	2,70 mm
9226	100			black	13,50 mm	2,75 mm
9358	100			black	23,00 mm	2,80 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber-O-Rings for sanitary fittings

Good resistance to most oils and greases, good physical values, Eg high abrasion and stability. Temperature resistance: from -25° C to +120° C. Quality NBR, Shore A 70° (measured on test plates 6 mm thickness).

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

* Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Inner Ø in mm:	O-ring cross-section, Ø in mm:
9146	100			black	8,70 mm	3,00 mm
9163	100			black	9,00 mm	3,00 mm
9206	100			black	12,00 mm	3,00 mm
9253	100			black	15,00 mm	3,00 mm
9298	100			black	18,70 mm	3,00 mm
9309	100			black	19,00 mm	3,00 mm
9324	100			black	20,20 mm	3,00 mm
9365	100			black	24,00 mm	3,00 mm
9366	100			black	24,20 mm	3,00 mm
9371	100			black	25,20 mm	3,00 mm
9477	100			black	32,00 mm	3,00 mm
9483	100			black	33,00 mm	3,00 mm
9486	100			black	34,00 mm	3,00 mm
9555	100			black	40,00 mm	3,00 mm
9574	100			black	42,00 mm	3,00 mm
9589	100			black	48,00 mm	3,00 mm
9590	100			black	50,00 mm	3,00 mm
9348	100			black	22,00 mm	3,05 mm
9505	100			black	35,00 mm	3,20 mm
9492	100			black	34,60 mm	3,40 mm
9296	100			black	18,00 mm	3,50 mm
9329	100			black	20,50 mm	3,50 mm
9374	100			black	26,00 mm	3,50 mm
9434	100			black	28,00 mm	3,50 mm
9464	100			black	30,00 mm	3,50 mm
9538	100			black	38,00 mm	3,50 mm
9576	100			black	42,00 mm	3,50 mm
9595	100			black	54,00 mm	3,50 mm
9615	100			black	18,64 mm	3,53 mm
9325	100			black	20,22 mm	3,53 mm
9617	100			black	21,82 mm	3,53 mm
9618	100			black	23,40 mm	3,53 mm
9619	100			black	24,99 mm	3,53 mm
9620	100			black	26,58 mm	3,53 mm
9436	100			black	28,17 mm	3,53 mm
9622	100			black	29,75 mm	3,53 mm
9623	100			black	31,34 mm	3,53 mm
9624	100			black	32,92 mm	3,53 mm
9625	100			black	34,52 mm	3,53 mm
9626	100			black	36,10 mm	3,53 mm
9627	100			black	37,69 mm	3,53 mm
9560	100			black	40,87 mm	3,53 mm
9629	100			black	44,04 mm	3,53 mm
9582	100			black	47,22 mm	3,53 mm
9631	100			black	50,40 mm	3,53 mm
9234	100			black	13,00 mm	4,00 mm
9248	100			black	14,00 mm	4,00 mm
9435	100			black	28,00 mm	4,00 mm
9473	100			black	31,00 mm	4,00 mm
9556	100			black	40,40 mm	4,00 mm
9542	100			black	38,00 mm	4,30 mm
9558	100			black	40,65 mm	5,33 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

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Chapter 15
Assortments and Service Accessories





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OHA-Press Fitting Seals Assortment for drinking water "W 270" & "UBA-ELL"



All OHA-Press seals in this range are suitable for contact with drinking water (according to UBA-guide-lines), tested and approved according to DVGW worksheet "W 270". Table of contents about articles, dimensions and number of pieces is included in each box. Not for steam use suitable! Packed in PP box, transparent and break resistant.

*Note: All OHA-Press Seals are W 270 and UBA-ELL

Article no.	PU	PU	PU	Colour	Size:	Total content:
7311	1	8		yellow	270 x 180 x 42 mm	380 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
8831	80	OHA-Press fitting seals ⅜", W 270 & UBA	19,00 x 27,00 x 1,80 mm
8833	80	OHA-Press fitting seals ½" small, W 270 & UBA	21,00 x 30,00 x 1,80 mm
8832	80	OHA-Press fitting seals ½" large, W 270 & UBA	24,00 x 34,00 x 1,80 mm
8834	60	OHA-Press fitting seals ¾", W 270 & UBA	27,00 x 38,00 x 1,80 mm
8835	20	OHA-Press fitting seals 1", W 270 & UBA	32,00 x 44,00 x 1,80 mm
8836	20	OHA-Press fitting seals 1¼", W 270 & UBA	42,00 x 55,00 x 1,80 mm
8837	20	OHA-Press fitting seals 1½", W 270 & UBA	46,00 x 62,00 x 1,80 mm
8838	20	OHA-Press fitting seals 2", W 270 & UBA	60,00 x 78,00 x 1,80 mm

Hahn Slices Assortment "W270" & "UBA-ELL"



All included seals in this combi-assortment are for the contact with drinking water (according to the UBA-guidelines) approved according to the DVGW worksheet "W 270".

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Total content:
23595	1	18			210 x 110 x 35 mm	251 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
23513	50	OHA tap washer disk with hole, W270 & UBA	¼" + ⅜"
23515	50	OHA tap washer disk with hole, W270 & UBA	⅜" + ½"
23516	30	OHA tap washer disk with hole, W270 & UBA	½"
23523	5	OHA tap washer disk with hole, W270 & UBA	¾"
23528	5	OHA tap washer disk with hole, W270 & UBA	1"
23613	10	OHA water-faucets, W270 & UBA	¼" + ⅜"
23615	10	OHA water-faucets, W270 & UBA	⅜" + ½"
23616	10	OHA water-faucets, W270 & UBA	½"
4120	5	Rubber tap washer cone 3/8"	⅜"
3106	10	Rubber tap washer cone (dome cone), W270 & UBA	4 x 17 x 8 mm
3660	25	Valve seal 16,5mm suitable for Grohe®-Longlife-upper part	5,8 x 16,5 x 5 mm
5304	1	OHA valve tap grease	7 ml





Cuttings Hahn-Slices Assortment "W270" & "UBA-ELL"



All included seals in this combi-assortment are for the contact with drinking water (according to the UBA-guidelines) approved according to the DVGW worksheet "W 270".

Material: EPDM, aging & weather resistant according to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Size:	Total content:
23591	1	18		black	210 x 110 x 35 mm	100 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
23511	10	OHA tap washer disk with hole, W270 & UBA	⅛" + ¼"
23512	10	OHA tap washer disk with hole, W270 & UBA	¼"
23513	10	OHA tap washer disk with hole, W270 & UBA	¼"
23514	10	OHA tap washer disk with hole, W270 & UBA	⅜"
23515	10	OHA tap washer disk with hole, W270 & UBA	⅜" + ½"
23516	30	OHA tap washer disk with hole, W270 & UBA	½"
23517	10	OHA tap washer disk with hole, W270 & UBA	½"
23522	4	OHA tap washer disk with hole, W270 & UBA	¾"
23524	4	OHA tap washer disk with hole, W270 & UBA	¾"
23528	2	OHA tap washer disk with hole, W270 & UBA	1"



Fiberring Service Bag "W 270" & "UBA-ELL"

The fiber rings are suitable for the contact with drinking water as well as "W 270" according to the UBA elastomer guidelines. Fiber rings: Exclusively for use with drinking water suitable.

Article no.	PU	PU	PU	Colour	Total content:
4603	5	50		green/ colourless	150 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7381	5	Fiberrings for drinking water ⅜", W 270 & UBA	8,00 x 14,00 x 1,00 mm
7479	5	Fiberrings for drinking water, W 270 & UBA	17,00 x 23,00 x 1,00 mm
7340	5	Fiberrings for drinking water ¼", W 270 & UBA	13,00 x 17,00 x 1,50 mm
7337	25	Fiberrings for drinking water ½", W 270 & UBA	10,00 x 18,00 x 1,50 mm
7338	25	Fiberrings for drinking water ½", W 270 & UBA	12,00 x 18,00 x 1,50 mm
7341	5	Fiberrings for drinking water ¾", W 270 & UBA	17,00 x 21,00 x 1,50 mm
7339	25	Fiberrings for drinking water ¾", W 270 & UBA	17,00 x 24,00 x 1,50 mm
7342	15	Fiberrings for drinking water ½", W 270 & UBA	21,00 x 25,00 x 1,50 mm
7481	2	Fiberrings for drinking water, W 270 & UBA	26,50 x 30,00 x 1,50 mm
7483	2	Fiberrings for drinking water, W 270 & UBA	26,50 x 32,00 x 1,50 mm
7344	2	Fiberrings for drinking water 1", W 270 & UBA	33,00 x 40,00 x 1,50 mm
7477	5	Fiberrings for drinking water, W 270 & UBA	10,00 x 14,00 x 2,00 mm
7480	2	Fiberrings for drinking water, W 270 & UBA	23,00 x 29,00 x 2,00 mm
8799	2	Fiberrings for drinking water, W 270 & UBA	30,00 x 38,00 x 2,00 mm
7476	20	Fiberrings for drinking water, W 270 & UBA	15,00 x 24,00 x 2,50 mm
7478	5	Fiberrings for drinking water, W 270 & UBA	12,00 x 18,00 x 3,00 mm



Fiber Ring Assortment small "W 270" & "UBA-ELL"

Whether for transfer nuts on standpipes, various shower hoses or on S-connectors, the necessary fiber rings and seals are included in this range. Packed in PP box, transparent and break resistant. Table of contents about articles, dimensions and number of pieces is included in each box. The seals included in the assortment (with the exception of item no. 8147 & item no. 8148) are approved and tested acc. to UBA guidelines for drinking water use.

*Note: All OHA-Press Seals are W 270 and UBA-ELL
*Note: Fiber rings: Exclusively for use with drinking water suitable.

Article no.	PU	PU	PU	Colour	Size:	Total content:
4170	1	18			210 x 110 x 35 mm	550 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7336	100	Fiberrings for drinking water ⅜", W 270 & UBA	9,00 x 14,00 x 1,80 mm
7337	100	Fiberrings for drinking water ½", W 270 & UBA	10,00 x 18,00 x 1,80 mm
7332	100	Fiberrings for drinking water ½", W 270 & UBA	12,00 x 19,00 x 1,80 mm
7339	40	Fiberrings for drinking water ¾", W 270 & UBA	17,00 x 24,00 x 1,80 mm
7348	20	Fiberrings for drinking water, W 270 & UBA	16,00 x 24,00 x 2,50 mm
8147	40	Rubber seal for spigot nuts ½"	8,00 x 15,00 x 3,00 mm
8148	30	Rubber seal for spigot nuts ½"	10,00 x 18,00 x 3,00 mm
8846	70	OHA-Press seal for spigot nuts, W 270 & UBA	9,00 x 15,00 x 1,80 mm
8847	50	OHA-Press seal for spigot nuts, W 270 & UBA	10,00 x 18,00 x 1,80 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Fiberring Assortment large "W 270" & "UBA-ELL"



Contains many important seals for the installation of fittings. Can be used as a cold and hot water seal. Resistant to temperatures up to 90° C. Our fiber ring sealing quality complies with the KTW recommendations of the Federal Health Office and is suitable for use in the drinking water sector (tested acc. to DVGW worksheet W 270). Packed in PP box, transparent and break resistant. Table of contents about articles, dimensions, quantity is included! Fiber rings: Exclusively for use with drinking water suitable.

*Note: All OHA-Press Seals are W 270 and UBA-ELL

Article no.	PU	PU	PU	Colour	Size:	Total content:
7319	1	8		red	270 x 180 x 42 mm	1121 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7381	100	Fiberrings for drinking water ⅜", W 270 & UBA	8,00 x 14,00 x 1,00 mm
7336	100	Fiberrings for drinking water ⅜", W 270 & UBA	9,00 x 14,00 x 1,00 mm
7340	100	Fiberrings for drinking water ¼", W 270 & UBA	13,00 x 17,00 x 1,50 mm
7337	100	Fiberrings for drinking water ½", W 270 & UBA	10,00 x 18,00 x 1,50 mm
7338	100	Fiberrings for drinking water ½", W 270 & UBA	12,00 x 18,00 x 1,50 mm
7332	100	Fiberrings for drinking water ½", W 270 & UBA	12,00 x 19,00 x 1,50 mm
7341	100	Fiberrings for drinking water ⅜", W 270 & UBA	17,00 x 21,00 x 1,50 mm
7320	20	Fiberrings for drinking water, W 270 & UBA	12,00 x 24,00 x 3,00 mm
7348	80	Fiberrings for drinking water, W 270 & UBA	16,00 x 24,00 x 2,50 mm
7339	50	Fiberrings for drinking water ¾, W 270 & UBA	17,00 x 24,00 x 1,50 mm
7342	100	Fiberrings for drinking water ½", W 270 & UBA	21,00 x 25,00 x 1,50 mm
7343	100	Fiberrings for drinking water ¾", W 270 & UBA	27,00 x 33,00 x 1,50 mm
7344	20	Fiberrings for drinking water 1", W 270 & UBA	33,00 x 40,00 x 1,50 mm
7345	5	Fiberrings for drinking water 1¼", W 270 & UBA	42,00 x 51,00 x 1,50 mm
7346	3	Fiberrings for drinking water 1½", W 270 & UBA	48,00 x 58,00 x 1,50 mm
7347	3	Fiberrings for drinking water 2", W 270 & UBA	60,00 x 70,00 x 1,50 mm
8846	20	OHAPress seal für spigot nut, W 270 & UBA	9,00 x 15,00 x 1,80 mm
8847	20	OHAPress seal für spigot nut, W 270 & UBA	10,00 x 18,00 x 1,80 mm



Fiberring and PE Water Meter Sealing Assortment "W 270" & "UBA-ELL"



Consisting of 10 different sizes of fiber rings for coupling nuts, shower hoses, drain taps, spigot upper parts and water meter fittings. Packed in PP box, transparent and break resistant. Table of contents about articles, dimensions, Quantity is included in each box. The seals contained in the assortment are approved and tested according to the UBA guidelines for drinking water use. Fiber rings & PE-Water meter seals: Exclusively for use with drinking water suitable.

Article no.	PU	PU	PU	Colour	Size:	Total content:
7351	1	18		red	210 x 110 x 35 mm	150 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7336	10	Fiberrings for drinking water ⅜", W 270 & UBA	9,00 x 14,00 x 1,00 mm
7340	5	Fiberrings for drinking water ¼", W 270 & UBA	13,00 x 17,00 x 1,50 mm
7337	10	Fiberrings for drinking water ½", W 270 & UBA	10,00 x 18,00 x 1,50 mm
7338	10	Fiberrings for drinking water ½", W 270 & UBA	12,00 x 18,00 x 1,50 mm
7332	10	Fiberrings for drinking water ½" x ½", W 270 & UBA	12,00 x 19,00 x 1,50 mm
7341	25	Fiberrings for drinking water ⅜", W 270 & UBA	17,00 x 21,00 x 1,50 mm
7339	30	Fiberrings for drinking water ½" x ¾", W 270 & UBA	17,00 x 24,00 x 1,50 mm
7342	30	Fiberrings for drinking water ½", W 270 & UBA	21,00 x 25,00 x 1,50 mm
7343	5	Fiberrings for drinking water ¾", W 270 & UBA	27,00 x 33,00 x 1,50 mm
7344	5	Fiberrings for drinking water 1", W 270 & UBA	33,00 x 40,00 x 1,50 mm
6118	5	PE water meter seal for cold water meters, W 270 & UBA	23,00 x 29,00 x 2,00 mm
6119	5	PE water meter seal for cold water meters, W 270 & UBA	29,00 x 37,00 x 2,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Press Gas Sealing Assortment "DIN 30653" Mini

All seals in this assortment from OHA-Press are tested, approved according to the DVGW regulation "DIN 30653" as flat gasket material for the gas installation, HTB resistant (650° C / 5 bar). According to DIN 3535-6 (DVGW- and SVGW-approval), use in oxygen (BAM DIN 1797: 2002-02). WITH 4 RED COLORS (offset by 90 °).

► packed in a PP box, transparent and unbreakable

Article no.	PU	PU	PU	Colour	Size:	Total content:
7280	1	18		yellow	118 x 78 x 18 mm	80 piece

The content is composed of:

Item:	Piece:	Description:	
88830	20	Gas pressure regulator and screw seal ¼", acc. to DIN 30653, DIN 33822 & DIN 3258	17,00 x 24,00 mm
88831	10	Gas pressure regulator and screw seal ⅜", acc. to DIN 30653, DIN 33822 & DIN 3258	19,00 x 27,00 mm
88833	20	Gas pressure regulator and screw seal ½" small, acc. to DIN 30653, DIN 33822 & DIN 3258	21,00 x 30,00 mm
88832	10	Gas pressure regulator and screw seal ½" large, acc. to DIN 30653, DIN 33822 & DIN 3258	24,00 x 34,00 mm
88835	10	Gas pressure regulator and screw seal 1", acc. to DIN 30653, DIN 33822 & DIN 3258	32,00 x 44,00 mm
88836	10	Gas pressure regulator and screw seal 1¼", acc. to DIN 30653, DIN 33822 & DIN 3258	42,00 x 55,00 mm





OHA-Press Gas Sealing Assortment "DIN 30653"

All seals in this assortment from OHA-Press are tested, approved according to the DVGW regulation "DIN 30653" as flat gasket material for the gas installation, HTB-resistant (650 ° C / 5 bar). According to DIN 3535-6 (DVGW- and SVGW-approval), use in oxygen (BAM DIN 1797: 2002-02). WITH 4 RED COLORS MARKS (offset by 90 °).

► packed in a PP box, transparent and unbreakable

Article no.	PU	PU	PU	Colour	Size:	Total content:
7278	1	8		yellow	270 x 180 x 42 mm	380 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
88831	80	Gas pressure regulator and screw seal ⅜", acc. to DIN 30653, DIN 33822 & DIN 3258	19,00 x 27,00 mm
88833	80	Gas pressure regulator and screw seal ½" small, acc. to DIN 30653, DIN 33822 & DIN 3258	21,00 x 30,00 mm
88832	80	Gas pressure regulator and screw seal ½" large, acc. to DIN 30653, DIN 33822 & DIN 3258	24,00 x 34,00 mm
88834	60	Gas pressure regulator and screw seal ¾", acc. to DIN 30653, DIN 33822 & DIN 3258	27,00 x 38,00 mm
88835	20	Gas pressure regulator and screw seal 1", acc. to DIN 30653, DIN 33822 & DIN 3258	32,00 x 44,00 mm
88836	20	Gas pressure regulator and screw seal 1¼", acc. to DIN 30653, DIN 33822 & DIN 3258	42,00 x 55,00 mm
88837	20	Gas pressure regulator and screw seal 1½", acc. to DIN 30653, DIN 33822 & DIN 3258	46,00 x 62,00 mm
88838	20	Gas pressure regulator and screw seal 2", acc. to DIN 30653, DIN 33822 & DIN 3258	60,00 x 78,00 mm





Rubber Gas Sealing Assortment "DIN 30653"

Seals made of (HTB tested quality for gas shut-off valves and gas meter fittings.
The NBR special grade used was still tested and approved according to the following regulations: give for DIN EN 549 and DIN EN 682.

Application range for pressure range <= 0,1 bar: Fittings and flanges for gas meters and pressure regulators according to DIN 3376-1, DIN 3376-2, DIN 2993 and DIN EN 10242. With 1 WHITE COLOR MARKING

► packed in PP box, transparent and unbreakable

Article no.	PU	PU	PU	Colour	Size:	Total content:
7279	1	8		black	270 x 180 x 42 mm	380 piece

The content is composed of:

Item:	Piece:	Description:	Size:
8630	80	Rubber Gaskets for Gas Fittings & Fittings ⅜ "	16,00 x 23,50 x 2,00 mm
8625	80	Rubber Gaskets for Gas Fittings & Fittings ¾ ", DN 20	23,00 x 30,00 x 3,00 mm
8632	80	Rubber Gaskets for Gas Fittings & Fittings ¾ "	25,00 x 34,50 x 2,00 mm
8626	60	Rubber Gaskets for Gas Fittings & Fittings 1 ", DN 25	31,00 x 37,50 x 3,00 mm
8633	20	Rubber Gaskets for Gas Fittings & Fittings 1 "	31,00 x 41,00 x 2,50 mm
8634	20	Rubber Gaskets for Gas Fittings & Fittings 1¼ "	39,00 x 50,50 x 2,50 mm
8628	20	Rubber Gaskets for Gas Fittings & Fittings 1½ "	45,50 x 55,00 x 3,00 mm
8629	20	Rubber Gaskets for Gas Fittings & Fittings 2 "	58,50 x 70,00 x 3,00 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Gas and Water Sealing Block OHA 8510, "W 270 & UBA-ELL"

Double-sided sealing block with EURO-hole suspension and table of contents on printed clear-skin sliding sleeve.

*Note: Fiber rings: Exclusively for use with drinking water suitable.
*Note: All OHA-Press Seals are W 270 and UBA-ELL



Article no.	PU	PU	PU	Colour	Size:	Total content:
8510	1	10		light blue	246 x 91,5 x 42 mm	202 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7338	12	Fiberrings for drinking water, W 270 & UBA	12,00 x 18,00 x 1,50 mm
7341	12	Fiberrings for drinking water, W 270 & UBA	17,00 x 21,00 x 1,50 mm
7320	6	Fiberrings for drinking water, W 270 & UBA	12,00 x 24,00 x 3,00 mm
7348	8	Fiberrings for drinking water, W 270 & UBA	16,00 x 24,00 x 2,50 mm
7472	11	Fiberrings for drinking water, W 270 & UBA	22,00 x 26,50 x 1,50 mm
7473	12	Fiberrings for drinking water, W 270 & UBA	19,00 x 30,00 x 1,50 mm
7343	12	Fiberrings for drinking water, W 270 & UBA	27,00 x 32,00 x 1,50 mm
7456	9	Fiberrings for drinking water, W 270 & UBA	34,00 x 40,00 x 2,00 mm
7457	9	Fiberrings for drinking water, W 270 & UBA	43,00 x 50,50 x 2,00 mm
8824	9	OHA-Press seal for fittings, W 270 & UBA	30,00 x 38,00 x 1,80 mm
8843	9	OHA-Press seal for dip tube port 1½", W 270 & UBA	35,00 x 45,00 x 1,80 mm
8615	9	Rubber seal for dip tube port 1¼"	30,00 x 38,00 x 2,00 mm
8616	9	Rubber seal for dip tube port 1½"	35,00 x 45,00 x 2,00 mm
8610	9	Rubber seal for spigot nuts	14,00 x 22,00 x 2,00 mm
8611	9	Rubber seal for spigot nuts	22,00 x 28,00 x 2,00 mm
8600	10	Rubber seal for gas fittings, DVGW	16,00 x 23,50 x 2,00 mm
8601	10	Rubber seal for gas fittings, DVGW	20,00 x 27,50 x 2,00 mm
8602	10	Rubber seal for gas fittings, DVGW	25,00 x 34,50 x 2,00 mm
8612	9	Rubber seal for gas fittings, DVGW	31,00 x 41,00 x 2,00 mm
8613	9	Rubber seal for gas fittings, DVGW	39,00 x 50,50 x 2,00 mm
8614	9	Rubber seal for gas fittings, DVGW	45,50 x 55,00 x 2,00 mm



Multi Sealing Block OHA 8515, W 270 & UBA-ELL"

Double-sided sealing block with EURO-hole suspension and table of contents on printed clear-skin sliding sleeve.

*Note: All OHA-Press Seals are W 270 and UBA-ELL



Article no.	PU	PU	PU	Colour	Total content:
8515	1	10		black	230 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
8831	9	OHA-Press fitting seal ⅜", W 270 & UBA	19,00 x 27,00 x 1,80 mm
8833	9	OHA-Press fitting seal ½" small, W 270 & UBA	21,00 x 30,00 x 1,80 mm
8834	9	OHA-Press fitting seal ¾", W 270 & UBA	27,00 x 38,00 x 1,80 mm
8835	9	OHA-Press fitting seal 1", W 270 & UBA	32,00 x 44,00 x 1,80 mm
8836	9	OHA-Press fitting seal 1¼", W 270 & UBA	42,00 x 55,00 x 1,80 mm
8837	9	OHA-Press fitting seal 1½", W 270 & UBA	46,00 x 62,00 x 1,80 mm
8838	9	OHA-Press fitting seal 2", W 270 & UBA	60,00 x 78,00 x 1,80 mm
8976	9	OHA-Press fitting seal, W 270 & UBA	17,00 x 23,00 x 1,80 mm
8977	9	OHA-Press fitting seal, W 270 & UBA	22,00 x 30,00 x 1,80 mm
8978	9	OHA-Press fitting seal, W 270 & UBA	23,00 x 34,00 x 1,80 mm
8979	9	OHA-Press fitting seal, W 270 & UBA	32,00 x 39,00 x 1,80 mm
8975	9	OHA-Press seal for spigot nuts, W 270 & UBA	8,00 x 15,00 x 1,80 mm
8847	9	OHA-Press seal for spigot nuts ½", W 270 & UBA	10,00 x 18,00 x 1,80 mm
8828	9	OHA-Press seal for spigot nuts, W 270 & UBA	12,00 x 18,00 x 1,80 mm
8830	9	OHA-Press seal for spigot nuts ⅜", W 270 & UBA	17,00 x 24,00 x 1,80 mm
8965	9	OHA-Press seal, DIN 7715, P2, W 270 & UBA	37,00 x 44,00 x 1,80 mm
8867	9	OHA-Press water meter seal for hot water meter 1", W 270 & UBA	29,00 x 37,00 x 1,80 mm
8964	9	OHA-Press water meter seal for hot water meter, W 270 & UBA	48,00 x 56,00 x 1,80 mm
8967	11	OHA-Special seal for union nuts	6,00 x 10,00 x 2,00 mm
8966	11	OHA-Special seal for union nuts	10,00 x 14,00 x 2,00 mm
8958	9	OHA-Special seal for union nuts ⅜"	10,00 x 15,00 x 2,00 mm
8959	9	OHA-Special seal for union nuts ⅜"	15,00 x 24,00 x 2,00 mm
8024	9	OHA-Special fitting seal	18,50 x 11,00 x 2,00 mm
8968	11	OHA-Press seal, one-sided self-adhesive seals	17,00 x 23,00 x 2,00 mm
7474	8	Leather rings	16,00 x 23,00 x 2,00 mm





Sealing Block for Heating installation OHA 8520, "W 270 & UBA-ELL"

Double-sided sealing block with EURO-hole suspension and table of contents on printed clear-skin sliding sleeve.

*Note: All OHA-Press Seals are W 270 and UBA-ELL

Article no.	PU	PU	PU	Colour	Size:	Total content:
8520	1	16		light blue	246 x 91,5 x 42 mm	186 pcs.



The content is composed of:

Item:	Piece:	Description:	Size:
8828	10	OHA-Press seal for fittings, W 270 & UBA	12,00 x 18,00 x 1,80 mm
8827	10	OHA-Press seal for fittings, W 270 & UBA	15,00 x 24,00 x 1,80 mm
8831	10	OHA-Press seal for fittings ⅜", W 270 & UBA	19,00 x 27,00 x 1,80 mm
8833	10	OHA-Press seal for fittings ½" small, W 270 & UBA	21,00 x 30,00 x 1,80 mm
8834	10	OHA-Press seal for fittings ¾", W 270 & UBA	27,00 x 38,00 x 1,80 mm
8824	10	OHA-Press seal for fittings, W 270 & UBA	30,00 x 38,00 x 1,80 mm
8835	10	OHA-Press seal for fittings 1", W 270 & UBA	32,00 x 44,00 x 1,80 mm
8836	10	OHA-Press seal for fittings 1¼", W 270 & UBA	42,00 x 55,00 x 2,00 mm
8825	6	OHA-Press seal for fittings, W 270 & UBA	42,00 x 55,00 x 3,00 mm
8843	10	OHA-Press seal for dip tube port 1½", W 270 & UBA	30,00 x 45,00 x 1,80 mm
8615	9	Rubber seal for dip tube port 1¼"	30,00 x 38,00 x 2,00 mm
8616	9	Rubber seal for dip tube port 1½"	35,00 x 45,00 x 2,00 mm
8610	9	Rubber seal for spigot nuts	14,00 x 22,00 x 2,00 mm
8611	9	Rubber seal for spigot nuts	22,00 x 28,00 x 2,00 mm
8600	9	Rubber seal for gas fittings, DVGW	16,00 x 23,50 x 2,00 mm
8601	9	Rubber seal for gas fittings, DVGW	20,00 x 27,50 x 2,00 mm
8602	9	Rubber seal for gas fittings, DVGW	25,00 x 34,50 x 2,00 mm
8612	9	Rubber seal for gas fittings, DVGW	31,00 x 41,00 x 2,00 mm
8613	9	Rubber seal for gas fittings, DVGW	39,00 x 50,50 x 2,00 mm
8614	9	Rubber seal for gas fittings, DVGW	45,50 x 55,00 x 2,00 mm

NEW

Professional universal sealing case for sanitary, gas, solar and heating applications



*Note: All OHA-Press gaskets are W 270 and UBA-ELL.

Article no.	PU	PU	PU	Colour	
8511	1	12		yellow	

The content is composed of:

	Pcs.	Description:	Dimensions:
8846	50	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	9,00 x 15,00 x 1,80 mm
8826	50	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	13,00 x 18,00 x 1,80 mm
8827	25	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	15,00 x 24,00 x 1,80 mm
8824	25	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	30,00 x 38,00 x 1,80 mm
8830	25	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	17,00 x 24,00 x 1,80 mm
8831	25	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	19,00 x 27,00 x 1,80 mm
8833	25	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	21,00 x 30,00 x 1,80 mm
8835	25	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	32,00 x 44,00 x 1,80 mm
8836	25	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	42,00 x 55,00 x 1,80 mm
6164	25	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	17,00 x 24,00 x 3,00 mm
6166	25	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	23,00 x 29,00 x 3,00 mm
8601	25	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	20,00 x 27,50 x 2,00 mm
8602	25	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	25,00 x 34,50 x 2,00 mm
8612	25	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	21,00 x 41,00 x 2,00 mm
8951	25	Solar union gasket	12,00 x 18,00 x 2,00 mm
8952	25	Solar union gasket	17,00 x 24,00 x 2,00 mm
8950	25	Solar union gasket	9,00 x 25,00 x 2,00 mm
8953	25	Solar union gasket	23,00 x 30,00 x 2,00 mm
8954	25	Solar union gasket	30,00 x 44,00 x 2,00 mm
8942	25	Radiator screw joint gasket, OHA-Press, W 270 & UBA-ELL	23,00 x 30,00 x 1,80 mm
8125	25	Immersion pipe gasket 1¼"	31,00 x 39,00 x 2,00 mm
8127	25	Immersion pipe gasket 1½"	35,00 x 45,00 x 2,00 mm
8121	25	Rubber washing machine connection gasket, EPDM, W 270 & UBA-ELL	12,00 x 23,00 x 2,00 mm
2319	25	Rubber seals for shower hoses, EPDM, W 270 & UBA-ELL	12,00 x 19,00 x 2,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

Junior universal gasket case for sanitary, gas, solar and heating

*Note: All OHA-Press gaskets are W 270 and UBA-ELL



Article no.	PU	PU	PU	Colour
8512	1	10		yellow

The content is composed of:

	Pcs.	Description:	Dimensions:
8846	24	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	9,00 x 15,00 x 1,80 mm
8826	24	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	13,00 x 18,00 x 1,80 mm
8827	12	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	15,00 x 24,00 x 1,80 mm
8824	12	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	30,00 x 38,00 x 1,80 mm
8830	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	17,00 x 24,00 x 1,80 mm
8831	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	19,00 x 27,00 x 1,80 mm
8833	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	21,00 x 30,00 x 1,80 mm
8835	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	32,00 x 44,00 x 1,80 mm
8836	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	42,00 x 55,00 x 1,80 mm
6164	12	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	17,00 x 24,00 x 3,00 mm
6166	12	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	23,00 x 29,00 x 3,00 mm
8601	12	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	20,00 x 27,50 x 2,00 mm
8602	12	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	25,00 x 34,50 x 2,00 mm
8612	12	Gas valve gasket, rubber, DVGW, DIN 3258, DIN 682 type GB & DIN EN 549	21,00 x 41,00 x 2,00 mm
8951	12	Solar union gasket	12,00 x 18,00 x 2,00 mm
8952	12	Solar union gasket	17,00 x 24,00 x 2,00 mm
8950	12	Solar union gasket	9,00 x 25,00 x 2,00 mm
8953	12	Solar union gasket	23,00 x 30,00 x 2,00 mm
8954	12	Solar union gasket	30,00 x 44,00 x 2,00 mm
8942	12	Radiator screw joint gasket, OHA-Press, W 270 & UBA-ELL	23,00 x 30,00 x 1,80 mm
8125	12	Immersion pipe gasket 1¼"	31,00 x 39,00 x 2,00 mm
8127	12	Immersion pipe gasket 1½"	35,00 x 45,00 x 2,00 mm
8121	12	Rubber washing machine connection gasket, EPDM, W 270 & UBA-ELL	12,00 x 23,00 x 2,00 mm
2319	24	Rubber seals for shower hoses, EPDM, W 270 & UBA-ELL	12,00 x 19,00 x 2,00 mm

NEW

Universal gasket case for sanitary, solar and heating

*Note: All OHA-Press gaskets are W 270 and UBA-ELL



Article no.	PU	PU	PU	Colour
8513	1	8	448	yellow

The content is composed of:

	Pcs.	Description:	Dimensions:
8846	12	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	9,00 x 15,00 x 1,80 mm
8826	24	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	13,00 x 18,00 x 1,80 mm
8827	12	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	15,00 x 24,00 x 1,80 mm
8824	12	Drinking water seal for union nut, OHA-Press, W 270 & UBA-ELL	30,00 x 38,00 x 1,80 mm
8830	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	17,00 x 24,00 x 1,80 mm
8833	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	21,00 x 30,00 x 1,80 mm
8835	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	32,00 x 44,00 x 1,80 mm
8836	12	Drinking water union gasket, OHA-Press, W 270 & UBA-ELL	42,00 x 55,00 x 1,80 mm
6164	12	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	17,00 x 24,00 x 3,00 mm
6166	12	Water meter gaskets for cold water meters, PE, W 270 & UBA-ELL	23,00 x 29,00 x 3,00 mm
8951	12	Solar union gasket	12,00 x 18,00 x 2,00 mm
8952	12	Solar union gasket	17,00 x 24,00 x 2,00 mm
8950	12	Solar union gasket	9,00 x 25,00 x 2,00 mm
8942	12	Radiator screw joint gasket, OHA-Press, W 270 & UBA-ELL	23,00 x 30,00 x 1,80 mm
8125	12	Immersion pipe gasket 1¼"	31,00 x 39,00 x 2,00 mm
8127	12	Immersion pipe gasket 1½"	35,00 x 45,00 x 2,00 mm
8121	12	Rubber washing machine connection gasket, EPDM, W 270 & UBA-ELL	12,00 x 23,00 x 2,00 mm
2319	24	Rubber seals for shower hoses, EPDM, W 270 & UBA-ELL	12,00 x 19,00 x 2,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



O-Ring Boy Assortment

Foldable case, with printed table of contents, 16 varieties of the most common rubber O-rings in NBR quality, suitable for many common fittings.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Total content:
4100	5	50		light blue	102 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
9104	12	Rubber O-rings for sanitary fittings	6,00 x 2,00 mm
9131	12	Rubber O-rings for sanitary fittings	7,90 x 2,50 mm
9194	6	Rubber O-rings for sanitary fittings	11,00 x 2,50 mm
9226	6	Rubber O-rings for sanitary fittings	13,50 x 2,75 mm
9244	6	Rubber O-rings for sanitary fittings	14,00 x 2,00 mm
9245	6	Rubber O-rings for sanitary fittings	14,00 x 2,50 mm
9252	6	Rubber O-rings for sanitary fittings	15,00 x 2,00 mm
9262	6	Rubber O-rings for sanitary fittings	16,00 x 2,50 mm
9292	6	Rubber O-rings for sanitary fittings	18,00 x 2,00 mm
9308	6	Rubber O-rings for sanitary fittings	19,00 x 2,50 mm
9323	6	Rubber O-rings for sanitary fittings	20,00 x 2,50 mm
9330	6	Rubber O-rings for sanitary fittings	21,00 x 2,00 mm
9345	6	Rubber O-rings for sanitary fittings	22,00 x 2,00 mm
9294	6	Rubber O-rings for sanitary fittings	18,00 x 2,50 mm
9483	3	Rubber O-rings for sanitary fittings	33,00 x 3,00 mm
9555	2	Rubber O-rings for sanitary fittings	40,00 x 3,00 mm
5371	1	OHA special grease for o-rings	Tube 7 ml



Junior O-Ring Set "MAX"

Foldable case, with printed table of contents, 14 varieties of the most common rubber O-rings in NBR quality.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Total content:
7803	5	20	60	red	100 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
9104	8	Rubber O-rings for sanitary fittings	6,00 x 2,00 mm
9134	8	Rubber O-rings for sanitary fittings	7,00 x 2,00 mm
9138	8	Rubber O-rings for sanitary fittings	7,65 x 1,78 mm
9143	8	Rubber O-rings for sanitary fittings	8,00 x 2,00 mm
9144	8	Rubber O-rings for sanitary fittings	8,00 x 2,50 mm
9146	4	Rubber O-rings for sanitary fittings	8,70 x 3,00 mm
9194	6	Rubber O-rings for sanitary fittings	11,00 x 2,50 mm
9203	6	Rubber O-rings for sanitary fittings	12,00 x 2,00 mm
9206	6	Rubber O-rings for sanitary fittings	12,00 x 3,00 mm
9226	12	Rubber O-rings for sanitary fittings	13,50 x 2,75 mm
9244	6	Rubber O-rings for sanitary fittings	14,00 x 2,00 mm
9245	12	Rubber O-rings for sanitary fittings	14,00 x 2,50 mm
9294	4	Rubber O-rings for sanitary fittings	18,00 x 2,50 mm
9309	4	Rubber O-rings for sanitary fittings	19,00 x 3,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

OHA Baby O-Ring Assortment



Foldable case, with printed table of contents, 15 varieties of the most common rubber O-rings for sanitary fittings.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Total content:
7812	5	40		green	106 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
9083	4	Rubber O-rings for sanitary fittings	5,00 x 2,00 mm
9203	8	Rubber O-rings for sanitary fittings	12,00 x 2,00 mm
9244	6	Rubber O-rings for sanitary fittings	14,00 x 2,00 mm
9252	4	Rubber O-rings for sanitary fittings	15,00 x 2,00 mm
9279	6	Rubber O-rings for sanitary fittings	17,80 x 2,00 mm
9330	6	Rubber O-rings for sanitary fittings	21,00 x 2,00 mm
9142	8	Rubber O-rings for sanitary fittings	8,00 x 2,40 mm
9246	12	Rubber O-rings for sanitary fittings	14,00 x 2,40 mm
9194	6	Rubber O-rings for sanitary fittings	11,00 x 2,50 mm
9245	6	Rubber O-rings for sanitary fittings	14,00 x 2,50 mm
9262	6	Rubber O-rings for sanitary fittings	16,00 x 2,50 mm
9232	6	Rubber O-rings for sanitary fittings	13,05 x 2,60 mm
9255	6	Rubber O-rings for sanitary fittings	15,55 x 2,60 mm
9299	6	Rubber O-rings for sanitary fittings	18,72 x 2,62 mm
9226	16	Rubber O-rings for sanitary fittings	13,50 x 2,75 mm

Junior Sealing Set "PHILIPP"



Foldable case, with printed table of contents, equipped with the most common seals.

*Note: Fiber rings: Exclusively for use with drinking water suitable.

Article no.	PU	PU	PU	Colour	Total content:
7802	5	50		blue	75 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
3513	3	OHA tap washer disk with hole ¼" + ⅜"	5,00 x 13,00 x 4,00 mm
3515	3	OHA tap washer disk with hole ⅜" + ½"	4,00 x 15,00 x 4,50 mm
3516	3	OHA tap washer disk with hole ½"	4,00 x 16,00 x 4,50 mm
3517	3	OHA tap washer disk with hole ½"	4,00 x 17,00 x 4,50 mm
3660	2	Valve seal compatible for Grohe-Longlife-upper part	16,50 mm
7337	6	Fiberrings for drinking water, W 270 & UBA	10,00 x 18,00 x 1,50 mm
7338	6	Fiberrings for drinking water, W 270 & UBA	12,00 x 18,00 x 1,50 mm
7339	6	Fiberrings for drinking water, W 270 & UBA	17,00 x 24,00 x 1,50 mm
7341	6	Fiberrings for drinking water, W 270 & UBA	17,00 x 21,00 x 1,50 mm
7342	8	Fiberrings for drinking water, W 270 & UBA	21,00 x 25,00 x 1,50 mm
7348	6	Fiberrings for drinking water, W 270 & UBA	16,00 x 24,00 x 2,50 mm
7360	5	Rubber crush seals	8,00 x 14,00 x 4,00 mm
7361	5	Rubber crush seals	10,00 x 14,00 x 4,00 mm
7364	5	Rubber crush seals	10,00 x 14,00 x 4,00 mm
8121	6	Rubber washers connector seal	12,00 x 23,00 x 2,00 mm
8142	2	Rubber seal for spigot nuts 1¼"	30,00 x 39,00 x 3,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA Baby Sealing Assortment "W 270 & UBA-ELL"

Foldable case with printed table of contents, 19 varieties of the most common seals for sanitary fittings.

*Note: Fiber rings: Exclusively for use with drinking water suitable.
*Note: All OHA-Press Seals are W 270 and UBA-ELL
*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Total content:
7811	5	50		orange	84 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7337	6	Fiberrings for drinking water, W 270 & UBA	10,00 x 18,00 x 1,50 mm
7338	6	Fiberrings for drinking water, W 270 & UBA	12,00 x 18,00 x 1,50 mm
7339	6	Fiberrings for drinking water, W 270 & UBA	17,00 x 24,00 x 1,50 mm
7348	6	Fiberrings for drinking water, W 270 & UBA	16,00 x 24,00 x 2,50 mm
7360	6	Rubber crush seals ⅜"	8,00 x 14,00 x 4,00 mm
7361	6	Rubber crush seals ½"	12,00 x 18,00 x 4,00 mm
7364	6	Rubber crush seals ½"	12,00 x 18,00 x 4,00 mm
8610	6	Rubber seal for spigot nuts ¾"	14,00 x 22,00 x 2,00 mm
8142	2	Rubber seal for spigot nuts 1¼"	30,00 x 39,00 x 3,00 mm
8143	2	Rubber seal for spigot nuts 1½"	35,50 x 45,00 x 3,00 mm
9142	2	Rubber O-rings for sanitary fittings	8,00 x 2,40 mm
9203	2	Rubber O-rings for sanitary fittings	12,00 x 2,00 mm
9226	4	Rubber O-rings for sanitary fittings	13,50 x 2,75 mm
8828	6	OHA-Press seal for spigot nuts, W 270 & UBA	12,00 x 18,00 x 1,80 mm
8830	6	OHA-Press seal for spigot nuts, W 270 & UBA	17,00 x 24,00 x 1,80 mm
3513	3	OHA tap washer disk with hole	13,00 x 5,00 x 4,00 mm
3515	3	OHA tap washer disk with hole	15,00 x 5,00 x 4,50 mm
3516	3	OHA tap washer disk with hole	16,00 x 4,00 x 4,50 mm
3517	3	OHA tap washer disk with hole	17,00 x 4,00 x 4,50 mm



MINI Sealing Assortment

Foldable case, with printed table of contents, 27 Types of most common seals for hot and cold. Cold water, suitable for the most common fittings.

*Note: Fiber rings: Exclusively for use with drinking water suitable.
*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Total content:
7300	1	10		yellow	72 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7381	2	Fiberrings for drinking water, W 270 & UBA	8,00 x 14,00 x 1,00 mm
7336	2	Fiberrings for drinking water, W 270 & UBA	9,00 x 14,00 x 1,00 mm
7340	2	Fiberrings for drinking water, W 270 & UBA	13,00 x 17,00 x 1,50 mm
7337	2	Fiberrings for drinking water, W 270 & UBA	10,00 x 18,00 x 1,50 mm
7332	3	Fiberrings for drinking water, W 270 & UBA	12,00 x 19,00 x 1,50 mm
7341	2	Fiberrings for drinking water, W 270 & UBA	17,00 x 21,00 x 1,50 mm
7348	2	Fiberrings for drinking water, W 270 & UBA	16,00 x 24,00 x 2,50 mm
7342	2	Fiberrings for drinking water, W 270 & UBA	21,00 x 25,00 x 1,50 mm
7343	2	Fiberrings for drinking water, W 270 & UBA	27,00 x 33,00 x 1,50 mm
3513	2	OHA tap washer disk with hole	13,00 x 5,00 x 4,00 mm
3516	2	OHA tap washer disk with hole	16,00 x 4,00 x 4,50 mm
3517	2	OHA tap washer disk with hole	17,00 x 4,00 x 4,50 mm
3524	1	OHA tap washer disk with hole	24,00 x 4,00 x 4,50 mm
3528	1	OHA tap washer disk with hole	28,00 x 4,00 x 4,50 mm
3613	2	OHA water-faucets	13,00 x 4,00 mm
3616	2	OHA water-faucets	16,00 x 4,00 mm
3617	2	OHA water-faucets	17,00 x 4,00 mm
3107	1	Rubber tap washer cone (dome cone) ½"	17,00 mm
9194	4	Rubber O-rings for sanitary fittings, NBR	11,00 x 2,50 mm
9226	2	Rubber O-rings for sanitary fittings, NBR	13,50 x 2,75 mm
9294	2	Rubber O-rings for sanitary fittings, NBR	18,00 x 2,50 mm
9483	1	Rubber O-rings for sanitary fittings, NBR	33,00 x 3,00 mm
8846	2	OHA-Press seal for spigot nuts, W 270 & UBA	9,00 x 15,00 x 1,80 mm
8847	2	OHA-Press seal for spigot nuts, W 270 & UBA	10,00 x 18,00 x 1,80 mm
8842	2	OHA-Press seal for dip tube port, W 270 & UBA	30,00 x 39,00 x 1,80 mm
8843	1	OHA-Press seal for dip tube port, W 270 & UBA	35,00 x 45,00 x 1,80 mm
7333	1	Rubber seal for dip tube port 1¼ "	30,00 x 37,00 x 4,00 mm
7334	1	Rubber seal for dip tube port 1½"	34,00 x 39,00 x 5,00 mm
7465	1	Rubber seal for dip tube port	33,00 x 38,00 x 5,00 mm
6164	1	Plastic crush ring for dip tubes	40,50 x 45,00 x 3,00 mm
7361	2	Rubber crush seals 3/8"	10,00 x 14,00 x 4,00 mm
8121	1	Rubber washers connector seal ½"	12,00 x 23,00 x 2,00 mm
8150	2	Rubber rings for hose fittings with inlay ½"	15,00 x 24,00 x 3,00 mm
8175	3	Rubber seals for perl jet regulator	15,00 x 21,00 x 2,00 mm
3660	3	Valve seal compatible for Grohe-Longlife-upper part	5,80 x 16,50 x 5,00 mm
2232	2	Clamping rings, brass, conical ⅜"	10,00 mm
2230	2	Glide rings, brass ⅜"	10,50 mm
7416	2	Rubber seal for perl jet regulator	25,50 x 19,00 x 3,00 mm
2204	1	Dirt sieves made of metal ½", ¾"	



OHA Baby Cistern Assortment

Foldable case with printed table of contents, 8 varieties of the most common flush-box membranes and seals.



Article no.	PU	PU	PU	Colour	Total content:
7813	5			blue	21 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7306	2	Rubber membranes, flat for cisterns	23,00 x 63,00 x 3,00 mm
7401	2	Rubber membranes, flat for cisterns	29,00 x 65,00 x 3,00 mm
7402	2	Rubber membranes, flat for cisterns	24,00 x 64,00 x 4,00 mm
7403	2	Rubber membranes, flat for cisterns	22,00 x 74,00 x 2,00 mm
7407	2	Rubber membranes, flat for cisterns	31,00 x 62,00 x 2,20 mm
7412	2	Rubber membranes, flat for cisterns	20,50 x 58,00 x 3,00 mm
7421	2	Rubber membranes, flat for cisterns	23,00 x 69,00 x 3,00 mm
7296	4	Silicone seal for flush valves	65,50 x 32,50 x 3,00 mm
4121	3	Flushing cistern ring	48,90 x 29,50 x 11,00 mm

Junior Cistern Assortment "Maurice"

Foldable case with printed table of contents.



Article no.	PU	PU	PU	Colour	Total content:
7801	5	30		yellow	24 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7306	2	Rubber membranes, flat for cisterns	23,00 x 63,00 x 3,00 mm
7401	2	Rubber membranes, flat for cisterns	29,00 x 65,00 x 3,00 mm
7402	2	Rubber membranes, flat for cisterns	24,00 x 64,00 x 4,00 mm
7403	2	Rubber membranes, flat for cisterns	22,00 x 74,00 x 2,00 mm
7407	2	Rubber membranes, flat for cisterns	31,00 x 62,00 x 2,20 mm
7412	2	Rubber membranes, flat for cisterns	20,50 x 58,00 x 3,00 mm
7421	2	Rubber membranes, flat for cisterns	23,00 x 69,00 x 3,00 mm
7296	4	Silicone seal for flush valves	64,00 x 32,50 x 3,00 mm
8160	3	Rubber float buffer	10,00 x 5,50 mm
4121	3	Cistern rings	29,50 x 48,90 x 11,00 mm

MAXI Cistern Assortment

Foldable case with printed table of contents about article, dimensions and number of pieces.



Article no.	PU	PU	PU	Colour	Total content:
7800	1			red	25 pcs.

The content is composed of:

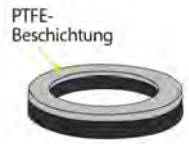
Item:	Piece:	Description:	Size:
7403	2	Rubber membranes, flat for cisterns IDEAL STANDARD®	74,00 x 22,00 x 2,00 mm
7404	2	Rubber membranes, flat for cisterns IDEAL STANDARD®	80,00 x 32,00 x 2,00 mm
7400	2	Rubber membranes, flat for cisterns WISA®	65,00 x 23,50 x 3,00 mm
7399	2	Rubber membranes, flat for cisterns WISA®	65,00 x 28,50 x 3,00 mm
7407	2	Rubber membranes, flat for cisterns ABU-Star®	62,00 x 31,00 x 2,20 mm
7402	2	Rubber membranes, flat for cisterns Schwab®	64,00 x 24,00 x 3,00 mm
7401	2	Rubber membranes, flat for cisterns DAL®	65,00 x 29,00 x 3,00 mm
7306	2	Rubber membranes, flat for cisterns GEBERIT® 10000, 110500	63,00 x 23,00 x 3,00 mm
7355	2	Rubber membranes, flat for cisterns GEBERIT® 10000, 20000	63,00 x 32,00 x 3,00 mm
7406	2	Rubber membranes, flat for cisterns GEBERIT® 25920, 25925, 25923	58,00 x 32,00 x 3,00 mm
7412	2	Rubber membranes, flat for cisterns JOMO®	58,00 x 20,50 x 3,00 mm
4121	1	Cistern rings	29,50 x 48,90 x 11,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Solar Seal Assortment

Solar screwed gaskets made of high quality silicone in black, one side with PTFE coating. No slipping out of the screw connection and no squeezing or breaking of the seal possible. Resistant to glycol and temperature resistance up to +220° C.

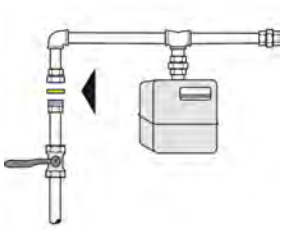


Article no.	PU	PU	PU	Colour	Size:	Total content:
8955	1	18		black	210 x 110 x 35 mm	150 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
8950	25	Solar fittings gasket 3/8"	9,00 x 15,00 x 2,00 mm
8951	25	Solar fittings gasket 1/2"	12,00 x 18,00 x 2,00 mm
8952	50	Solar fittings gasket 3/4"	17,00 x 24,00 x 2,00 mm
8953	50	Solar fittings gasket 1"	23,00 x 30,00 x 2,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Gas Seal Service Bag

The purpose of the application is to connect gaseous connection taps to gas gauges as well as pipe glands from 3/8" to 2". The gas seals in the house installation are applicable for an operating pressure of 4 bar, DVGW approved, Tested in accordance with DIN EN 682 type GB as well as DIN EN 549. Special rubber quality on both sides smooth, resistant to natural gas, liquefied petroleum gas, grease, oils, gasoline, acids and alkalis.

► Temperature resistance: -5° C to +50° C.





Article no.	PU	PU	PU	Colour	Total content:
8620	1	5		black	69 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
8600	2	Rubber Gasket for Gas Fittings ⅜"DVGW	16,00 x 23,50 x 2,00 mm
8601	15	Rubber Gasket for Gas Fittings ½"DVGW	20,00 x 27,50 x 2,00 mm
8605	2	Rubber Gasket for Gas Fittings ¾", DVGW	22,50 x 29,00 x 3,00 mm
8602	10	Rubber Gasket for Gas Fittings ¾", DVGW	25,00 x 34,50 x 2,00 mm
8606	5	Rubber Gasket for Gas Fittings 1", DVGW	30,50 x 37,00 x 3,00 mm
8603	2	Rubber Gasket for Gas Fittings 1", DVGW	31,00 x 41,00 x 2,50 mm
8607	2	Rubber Gasket for Gas Fittings 1¼", DVGW	39,50 x 49,00 x 3,00 mm
8604	2	Rubber Gasket for Gas Fittings 1¼", DVGW	39,00 x 50,50 x 2,50 mm
8608	1	Rubber Gasket for Gas Fittings 1½", DVGW	45,50 x 55,00 x 3,00 mm
8640	2	Rubber Gasket for Gas Fittings ¼" = ⅜", DVGW	17,00 x 24,00 x 3,00 mm
8641	2	Rubber seal for gas screw fittings ⅜"DVGW	19,00 x 27,00 x 3,00 mm
8643	5	Rubber seal for gas screw fittings ½" small, DVGW	21,00 x 30,00 x 3,00 mm
8642	5	Rubber seal for gas screw fittings ½" large, DVGW	24,00 x 34,00 x 3,00 mm
8644	5	Rubber seal for gas screw fittings ¾", DVGW	27,00 x 38,00 x 3,00 mm
8645	5	Rubber seal for gas screw fittings 1", DVGW	32,00 x 44,00 x 3,00 mm
8646	2	Rubber seal for gas screw fittings 1¼", DVGW	42,00 x 55,00 x 3,00 mm
8647	1	Rubber seal for gas screw fittings 1½", DVGW	46,00 x 62,00 x 3,00 mm
8648	1	Rubber seal for gas screw fittings 2", DVGW	60,00 x 78,00 x 3,00 mm

Installation Seal Bag

For indoor installations.



Article no.	PU	PU	PU	Colour	Total content:
4602	5	30			122 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7360	5	Rubber crash seals ⅜"	8,00 x 14,00 x 4,00 mm
7361	20	Rubber crash seals ⅜"	10,00 x 14,00 x 4,00 mm
7363	3	Rubber crash seals ½"	10,00 x 18,00 x 4,00 mm
7364	10	Rubber crash seals ½"	12,00 x 18,00 x 4,00 mm
8142	20	Rubber seal for spigot nuts 1¼",	30,00 x 39,00 x 3,00 mm
8143	10	Rubber seal for spigot nuts 1½",	35,00 x 45,00 x 3,00 mm
8175	10	Rubber seal for perl jet regulator	15,00 x 21,00 x 2,00 mm
8174	5	Rubber seal for perl jet regulator	16,50 x 21,00 x 1,50 mm
7416	3	Rubber seal for perl jet regulator	19,00 x 25,50 x 3,00 mm
7302	5	Rubber seal for siphons	44,00 x 55,00 x 3,00 mm
7305	2	Rubber seal for siphons	55,00 x 66,00 x 3,00 mm
7333	3	Rubber seal for dip tube port 1¼"	32,00 x 37,00 x 4,00 mm
8394	5	Rubber seal, black	22,00 x 28,00 x 2,00 mm
6116	3	Wedge seal for washbasin siphon 1¼"	32,00 x 38,00 x 7,00 mm
6117	3	Wedge seal for washbasin siphon 1¼"	32,00 x 37,00 x 8,00 mm
6114	3	Wedge seal for rinsing siphon 1½"	39,00 x 44,00 x 8,00 mm
3993	3	Brass washers	13,30 x 18,00 x 0,70 mm
3992	2	Brass washers	18,30 x 24,00 x 0,70 mm
2230	5	Sliding ring ⅜"	10,50 14,00 x 1,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Sealing Set, suitable for HANSGROHE® single lever mixer with ball mixing system

For sealing the control ball against the upper part nut. Packed in the reclosable polybag.

Consisting of:
1 piece of molded gasket, PTFE-coated
2 pieces control collar, small
2 pieces of compression springs

Article no.	PU	PU	PU	Colour	
3280	10	200		black	





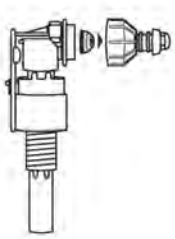
Cistern Cuff Set, suitable for ABU-STAR®

Replacement sealing set with hydraulic filling valve.

Consisting of:
1 piece of filling valve diaphragm
1 piece of plastic insert
1 piece of float buffer
2 pieces O-rings

► packed in a polybag

Article no.	PU	PU	PU	Colour	
7323	10	100		black	



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber Fitting Seals Assortment



Our range contains only rubber seals for fittings with a fabric insert, as well as siphon and hose screw gaskets. Packed in a sturdy PP box, transparent and unbreakable. Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
4150	1			black	270 x 180 x 42 mm	295 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
8410	30	Rubber seal for fittings with inlay ⅜" -¼"	17,00 x 24,00 x 3,00 mm
8411	20	Rubber seal for fittings with inlay ⅜"	19,00 x 27,00 x 3,00 mm
8413	70	Rubber seal for fittings with inlay ¾"	21,00 x 30,00 x 3,00 mm
8412	50	Rubber seal for fittings with inlay ½"	24,00 x 34,00 x 3,00 mm
8414	20	Rubber seal for fittings with inlay ¾"	27,00 x 38,00 x 3,00 mm
8415	12	Rubber seal for fittings with inlay 1"	32,00 x 44,00 x 3,00 mm
8416	12	Rubber seal for fittings with inlay 1¼"	42,00 x 55,00 x 3,00 mm
8417	12	Rubber seal for fittings with inlay 1½"	46,00 x 62,00 x 3,00 mm
8418	12	Rubber seal for fittings with inlay 2"	60,00 x 78,00 x 3,00 mm
8120	30	Rubber washer connector Gasket ½"	12,00 x 23,00 x 3,00 mm
8142	15	Rubber seal for spigot nuts 1¼"	30,00 x 39,00 x 3,00 mm
8143	12	Rubber seal for spigot nuts 1½"	35,00 x 45,00 x 3,00 mm



OHA-Special Seals for Fittings Assorment



Combines the positive sealing properties of graphite & Kevlar®. Seals in 9 different sizes, packed in PP box, transparent and break-proof. Material-dependent adaptability, high temperature-resistant.

► very high compressive strength
► safe handling thanks to high flexibility

*Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
7303	1	18		yellow/black	210 x 110 x 35 mm	160 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
8000	20	OHA special seal for fittings ¼" - ⅜"	17,00 x 24,00 x 2,00 mm
8001	20	OHA special seal for fittings ⅜"	19,00 x 27,00 x 2,00 mm
8003	15	OHA special seal for fittings ½" small	21,00 x 30,00 x 2,00 mm
8002	30	OHA special seal for fittings ½"	24,00 x 34,00 x 2,00 mm
8004	15	OHA special seal for fittings ¾"	27,00 x 38,00 x 2,00 mm
8005	15	OHA special seal for fittings 1"	32,00 x 44,00 x 2,00 mm
8006	15	OHA special seal for fittings 1¼"	42,00 x 55,00 x 2,00 mm
8007	15	OHA special seal for fittings 1½"	46,00 x 62,00 x 2,00 mm
8008	15	OHA special seal for fittings 2"	60,00 x 78,00 x 2,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Hahn slices assortment

Assorted in 10 versch. Dimensions, packed in transparent PP box (unbreakable). Table of contents about article, dimensions and number of pieces is enclosed to each box.

*Note: The tap washer assortment is suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Size:	Total content:
3591	1	18		black	210 x 110 x 35 mm	100 pcs.

The content is composed of:

	pcs.	Description:	Dimmensions:
3511	10	Hahn slices with hole ⅛" + ¼"	11,00 x 4,00 x 4,00 mm
3512	10	Hahn slices with hole ¼"	12,00 x 5,00 x 4,00 mm
3513	10	Hahn slices with hole ¼"	13,00 x 5,00 x 4,00 mm
3514	10	Hahn slices with hole ⅜"	14,00 x 4,00 x 4,00 mm
3515	10	Hahn slices with hole ⅜" + ½"	15,00 x 5,00 x 4,50 mm
3516	30	Hahn slices with hole ½"	16,00 x 4,00 x 4,50 mm
3517	10	Hahn slices with hole ½"	17,00 x 4,00 x 4,50 mm
3522	4	Hahn slices with hole ¾"	22,00 x 4,00 x 4,50 mm
3524	4	Hahn slices with hole ¾"	24,00 x 4,00 x 4,50 mm
3528	2	Hahn slices with hole 1"	28,00 x 4,00 x 4,50 mm





Cuttings Hahn Slices Assortment

The combination assortment with valve seat milling cutter, often required tap washers & Fiber rings (suitable for ¼ "-1¼" hahn upper parts) is distinguished by its versatile application purpose. Packed in PP box, transparent & unbreakable. Table of contents about articles, dimensions, Number of pieces each box.
*Note: Fiber rings: Only suitable for drinking water use.
*Note: The cutting hahn slices assortment (except fiber rings) is suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Total content:
7200	1				210 x 110 x 35mm	245 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7340	25	Fiberrings for drinking water "W 270" & "UBA"	13,00 x 17,00 x 1,50 mm
7341	25	Fiberrings for drinking water "W 270" & "UBA"	17,00 x 21,00 x 1,50 mm
7342	25	Fiberrings for drinking water "W 270" & "UBA"	21,00 x 25,00 x 1,50 mm
7343	25	Fiberrings for drinking water "W 270" & "UBA"	27,00 x 33,00 x 1,50 mm
7344	5	Fiberrings for drinking water "W 270" & "UBA"	33,00 x 40,00 x 1,50 mm
7345	5	Fiberrings for drinking water "W 270" & "UBA"	42,00 x 51,00 x 1,50 mm
3513	20	OHA tap washer disk with hole 1/4" + 3/8"	13,00 x 5,00 x 4,00 mm
3515	30	OHA tap washer disk with hole 3/8" u. 1/2"	15,00 x 5,00 x 4,50 mm
3516	20	OHA tap washer disk with hole 1/2"	16,00 x 4,00 x 4,50 mm
3523	5	OHA tap washer disk with hole 3/4"	23,00 x 5,00 x 4,50 mm
3528	3	OHA tap washer disk with hole 1"	28,00 x 4,00 x 4,50 mm
3613	10	OHA water-faucets 1/4" & 3/8"	13,00 x 4,00 mm
3615	10	OHA water-faucets 3/8" u. 1/2"	15,00 x 4,00 mm
3616	5	OHA water-faucets 1/2"	16,00 x 4,00 mm
4120	5	Rubber tap washer cone 3/8"	15,80 x 7,60 mm
3107	5	Rubber tap washer cone (dome cone) 1/2"	17,00 x 8,00 mm
3660	25	Valve seal 16,5mm suitable for Grohe-Longlife-upper parts	5,80 x 16,50 x 5,00 mm
2208	1	Valve seat cutters 3/8" + 1/2"	
5371	1	OHA special grease for o-rings	Tube 7 ml

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Sealing Assortments for plastic and metal siphons



Contains many seals that should be handy for the siphon installation or repair! Packed in PP box, transparent & unbreakable. Table of contents about articles, dimensions, Quantity is included in each box.

*Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
7307	1	8			270 x 180 x 42 mm	125 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
6115	9	Wedge seal 1"	25,00 x 29,00 x 7,00 mm
6113	7	Wedge seal 1¼"	33,00 x 38,00 x 8,00 mm
6116	7	Wedge seal for washbasin siphon 1¼"	32,00 x 38,00 x 7,00 mm
6114	11	Wedge seal for rinsing siphon 1½"	39,00 x 44,00 x 8,00 mm
7333	8	Rubber seal for dip tube port 1¼"	30,00 x 37,00 x 4,00 mm
7465	6	Rubber seal for dip tube port	33,00 x 38,00 x 5,00 mm
8125	10	Rubber seal for spigot nuts 1¼"	31,00 x 39,00 x 2,00 mm
8144	10	Rubber seal for dip tube port 1¼"	33,00 x 39,00 x 2,00 mm
7334	8	Rubber seal for dip tube port 1½"	34,00 x 39,00 x 5,00 mm
8127	8	Rubber seal for spigot nuts 1½"	35,00 x 45,00 x 2,00 mm
7304	3	Rubber seal for siphons for bottlesiphon 1¼"	49,70 x 54,00 x 3,00 mm
7318	3	Rubber seal for siphons for bottlesiphon 1½"	57,00 x 62,00 x 3,00 mm
6163	8	PE water meter seals for cold water meter, W 270 & UBA	40,50 x 45,00 x 3,00 mm
8142	10	Rubber seal for union nut 1¼"	30,00 x 39,00 x 3,00 mm
8143	8	Rubber seal for union nut 1½"	35,00 x 45,00 x 3,00 mm

Sealing Assortment "2000"



Seals and sanitary parts, packed in PP box, transparent & unbreakable. Table of contents about articles, dimensions, Quantity is included in each box.

*Note: Fiber rings & PE-Water meter seals: Exclusively for use with drinking water suitable.
*Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
7314	1	4			355 x 225 x 45 mm	1082 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
3511	50	OHA tap washer disk with hole ⅛" + ¼"	11,00 x 4,00 x 4,00 mm
3512	50	OHA tap washer disk with hole ¼"	12,00 x 5,00 x 4,00 mm
3513	50	OHA tap washer disk with hole ¼" + ⅜"	13,00 x 5,00 x 4,00 mm
3514	30	OHA tap washer disk with hole ⅜"	14,00 x 4,00 x 4,00 mm
3515	30	OHA tap washer disk with hole ⅜" + ½"	15,00 x 5,00 x 4,50 mm
3516	50	OHA tap washer disk with hole ⅜" + ½"	16,00 x 4,00 x 4,50 mm
3517	50	OHA tap washer disk with hole ½"	17,00 x 4,00 x 4,50 mm
3522	10	OHA tap washer disk with hole ¾"	22,00 x 4,00 x 4,50 mm
3523	10	OHA tap washer disk with hole ¾"	23,00 x 5,00 x 4,50 mm
3524	10	OHA tap washer disk with hole ¾"	24,00 x 4,00 x 4,50 mm
7336	100	Fiberrings for drinking water ⅜", W 270 & UBA	9,00 x 14,00 x 1,00 mm
7338	100	Fiberrings for drinking water ½", W 270 & UBA	12,00 x 18,00 x 1,50 mm
7341	50	Fiberrings for drinking water ⅜", W 270 & UBA	17,00 x 21,00 x 1,50 mm
7348	25	Fiberrings for drinking water ¾", W 270 & UBA	16,00 x 24,00 x 2,50 mm
7339	50	Fiberrings for drinking water ½" x ¾", W 270 & UBA	17,00 x 24,00 x 1,50 mm
7342	50	Fiberrings for drinking water ½", W 270 & UBA	21,00 x 25,00 x 1,50 mm
7343	25	Fiberrings for drinking water ¾", W 270 & UBA	27,00 x 33,00 x 1,50 mm
7344	10	Fiberrings for drinking water 1", W 270 & UBA	33,00 x 40,00 x 1,50 mm
8142	20	Rubber seal for spigot nuts 1¼"	30,00 x 39,00 x 3,00 mm
8143	20	Rubber seal for spigot nuts 1½"	35,00 x 45,00 x 3,00 mm
8147	50	Rubber seal for spigot nuts ⅜"	8,00 x 15,00 x 3,00 mm
8148	50	Rubber seal for spigot nuts ½"	10,00 x 18,00 x 3,00 mm
8842	25	OHA-Press seal for dip tube port 1¼", W 270 & UBA	30,00 x 39,00 x 1,80 mm
8843	25	OHA-Press seal for dip tube port 1½", W 270 & UBA	30,00 x 45,00 x 1,80 mm
8846	25	OHA-Press seal for spigot nuts ⅜", W 270 & UBA	9,00 x 15,00 x 1,80 mm
8847	25	OHA-Press seal for spigot nuts ½", W 270 & UBA	10,00 x 18,00 x 1,80 mm
6121	10	PE water meter seal for cold water meter ½",W 270 & UBA	17,00 x 24,00 x 2,00 mm
6118	10	PE water meter seal for cold water meter ¾", W 270 & UBA	23,00 x 29,00 x 2,00 mm
6119	10	PE water meter seal for cold water meter 1", W 270 & UBA	29,00 x 37,00 x 2,00 mm
8121	25	Rubber washers connector seal ½"	12,00 x 23,00 x 2,00 mm
8413	25	Rubber seal for spigot nuts ¾"	21,00 x 30,00 x 3,00 mm
3660	10	Valve seal compatible for GROHE®-Longlife-upper part	5,80 x 16,50 x 5,00 mm
5308	1	Sealing flax coil "Mazzoni"	80 g
5371	1	OHA special grease for O-Rings	Tube 7 ml

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Installation Seal Assortment small

Packed in PP box, transparent & unbreakable. Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: Fiber rings: Exclusively for use with drinking water suitable.
*Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
4604	1	8			270 x 180 x 42 mm	500 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
3511	8	OHA tap washer disk with hole ⅛" + ¼"	11,00 x 4,00 x 4,00 mm
3513	25	OHA tap washer disk with hole ¼" + ⅜"	13,00 x 5,00 x 4,00 mm
3514	15	OHA tap washer disk with hole ⅜"	14,00 x 4,00 x 4,00 mm
3515	25	OHA tap washer disk with hole ⅜"+ ½"	15,00 x 5,00 x 4,50 mm
3516	25	OHA tap washer disk with hole ½"	16,00 x 4,00 x 4,50 mm
3517	25	OHA tap washer disk with hole ½"	17,00 x 4,00 x 4,50 mm
3523	15	OHA tap washer disk with hole ¾"	23,00 x 5,00 x 4,50 mm
7492	25	Fiberrings for drinking water W 270 & UBA	14,00 x 10,00 x 1,50 mm
7338	40	Fiberrings for drinking water ½", W 270 & UBA	12,00 x 18,00 x 1,50 mm
7341	50	Fiberrings for drinking water ⅜", W 270 & UBA	17,00 x 21,00 x 1,50 mm,
7485	50	Fiberrings for drinking water, W 270 & UBA	24,00 x 21,00 x 1,50 mm
7339	20	Fiberrings for drinking water ½" x ¾", W 270 & UBA	17,00 x 24,00 x 1,50 mm
7481	15	Fiberrings for drinking water, W 270 & UBA	26,50 x 30,00 x 1,50 mm
8395	50	Rubber seal for spigot nuts	14,00 x 22,00 x 3,00 mm
8396	20	Rubber seal for spigot nuts	22,00 x 28,00 x 3,00 mm
8142	20	Rubber seal for spigot nuts 1¼"	30,00 x 39,00 x 3,00 mm
8143	10	Rubber seal for spigot nuts 1½"	35,00 x 45,00 x 3,00 mm
6117	2	Wedge seal for washbasin siphon 1¼"	32,00 x 37,00 x 8,00 mm
6116	3	Wedge seal for washbasin siphon 1¼"	32,00 x 38,00 x 7,00 mm
6114	2	Wedge seal for rinsing siphon 1½"	39,00 x 44,00 x 8,00 mm
7302	5	Rubber seal for siphons	44,00 x 55,00 x 3,00 mm
7368	5	Rubber crush seals	18,00 x 24,00 x 4,00 mm
7493	25	Rubber gasket	9,00 x 14,00 x 4,00 mm
7494	20	Hose rings	11,80 x 17,00 x 4,00 mm



Installation Seal Assortment large

Packed in PP box, transparent & unbreakable. Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: Fiber rings & PE-Water meter seals: Exclusively for use with drinking water suitable.
*Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
4605	1	4			355 x 225 x 45 mm	1080 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
3511	10	OHA tap washer disk with hole ⅛" + ¼"	11,00 x 4,00 x 4,00 mm
3513	50	OHA tap washer disk with hole ¼" + ⅜"	13,00 x 5,00 x 4,00 mm
3514	25	OHA tap washer disk with hole ⅜"	14,00 x 4,00 x 4,00 mm
3515	50	OHA tap washer disk with hole ⅜" + ½"	15,00 x 5,00 x 4,50 mm
3516	50	OHA tap washer disk with hole ½"	16,00 x 4,00 x 4,50 mm
3517	50	OHA tap washer disk with hole ½"	17,00 x 4,00 x 4,50 mm
3523	15	OHA tap washer disk with hole ¾"	23,00 x 5,00 x 4,50 mm
3524	10	OHA tap washer disk with hole ¾"	24,00 x 4,00 x 4,50 mm
7492	100	Fiberrings for drinking water, W 270 & UBA	14,00 x 10,00 x 1,50 mm
7484	25	Fiberrings for drinking water, W 270 & UBA	22,00 x 17,00 x 1,50 mm
7338	100	Fiberrings for drinking water ½", W 270 & UBA	12,00 x 18,00 x 1,50 mm
7339	50	Fiberrings for drinking water ¾", W 270 & UBA	17,00 x 24,00 x 1,50 mm
7483	25	Fiberrings for drinking water, W 270 & UBA	26,50 x 32,00 x 1,50 mm
7486	50	Fiberrings for drinking water, W 270 & UBA	26,00 x 21,00 x 1,50 mm
8395	50	Rubber seal for spigot nuts	14,00 x 22,00 x 3,00 mm
8396	20	Rubber seal for spigot nuts	22,00 x 28,00 x 3,00 mm
8142	30	Rubber seal for spigot nuts 1¼"	30,00 x 39,00 x 3,00 mm
8143	15	Rubber seal for spigot nuts 1½"	35,00 x 45,00 x 3,00 mm
8601	15	Rubber seal for gas fitting and armatures ½", DVGW	20,00 x 27,50 x 2,00 mm
8602	10	Rubber seal for gas fitting and armatures ¾", DVGW	25,00 x 34,50 x 2,00 mm
8603	10	Rubber seal for gas fitting and armatures 1", DVGW	31,00 x 41,00 x 2,50 mm
7302	10	Rubber seal for siphons	44,00 x 55,00 x 3,00 mm
7305	5	Rubber seal for siphons	55,00 x 66,00 x 3,00 mm
7333	5	Rubber seal for dip tube port 1¼"	30,00 x 37,00 x 4,00 mm
7368	25	Rubber crush seals	18,00 x 24,00 x 4,00 mm
7493	100	Rubber gaskets	9,0 0x 14,00 x 4,00 mm
8651	5	Rubber sealing rings	23,00 x 30,00 x 3,00 mm
8652	10	Sealing rings, black	31,00 x 38,00 x 3,00 mm
6118	20	PE water meter seal for cold water meter ¾", W 270 & UBA	23,00 x 29,00 x 2,00 mm
6137	10	PE gasket, W 270 & UBA	30,00 x 38,00 x 2,00 mm
7494	50	Hose rings	11,80 x 17,00 x 4,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Installation Seal Assortment



Packed in PP box, transparent & unbreakable. Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: Fiber rings & PE-Water meter seals: Exclusively for use with drinking water suitable.
*Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
7308	1	3		yellow	355 x 225 x 45 mm	1190 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
3511	50	OHA tap washer disk with hole ⅛" + ¼"	11,00 x 4,00 x 4,00 mm
3513	50	OHA tap washer disk with hole ¼" + ⅜"	13,00 x 5,00 x 4,00 mm
3514	50	OHA tap washer disk with hole ⅜"	14,00 x 4,00 x 4,00 mm
3515	50	OHA tap washer disk with hole ⅜"	14,00 x 5,00 x 4,50 mm
3516	50	OHA tap washer disk with hole ½"	16,00 x 4,00 x 4,50 mm
3517	50	OHA tap washer disk with hole ½"	17,00 x 4,00 x 4,50 mm
3524	20	OHA tap washer disk with hole ¾"	24,00 x 4,00 x 4,50 mm
3528	5	OHA tap washer disk with hole 1"	28,00 x 4,00 x 4,50 mm
3616	10	OHA water-faucets ½"	16,00 x 4,00 mm
3617	10	OHA water-faucets ½"	17,00 x 4,00 mm
7336	100	Fiberrings for drinking water W 270 & UBA	9,00 x 14,00 x 1,00 mm
7340	25	Fiberrings for drinking water W 270 & UBA ¼"	13,00 x 17,00 x 1,50 mm
7338	100	Fiberrings for drinking water W 270 & UBA ½"	12 x 18 x 1,50 mm
7332	50	Fiberrings for drinking water W 270 & UBA ½"	12 x 19 x 1,50 mm
7341	50	Fiberrings for drinking water W 270 & UBA	17,00 x 21,00 x 1,50 mm
7348	20	Fiberrings for drinking water W 270 & UBA ½" x ¾"	16,00 x 24,00 x 2,50 mm
7342	40	Fiberrings for drinking water W 270 & UBA ½"	21,00 x 25,00 x 1,50 mm
7339	20	Fiberrings for drinking water W 270 & UBA ½" x ¾"	17,00 x 24,00 x 1,50 mm
7343	20	Fiberrings for drinking water W 270 & UBA ½" x ¾"	17,00 x 24,00 x 1,50 mm
7344	10	Fiberrings for drinking water W 270 & UBA 1"	33,00 x 40,00 x 1,50 mm
6115	1	Wedge seal 1"	25,00 x 29,00 x 7,00 mm
6116	5	Wedge seal for washbasin siphon 1¼"	38,00 x 32,00 x 7,00 mm
6117	2	Wedge seal for washbasin siphon 1¼"	37,00 x 32,20 x 8,60 mm
6113	5	Wedge seal 1¼"	32,00 x 37,00 x 8,00 mm
6114	5	Wedge seal 1½"	39,00 x 44,00 x 8,00 mm
6121	10	PE water meter seal for cold water meter W 270 & UBA ½"	17,00 x 24,00 x 2,00 mm
6118	20	PE water meter seal for cold water meter W 270 & UBA ¾"	23,00 x 29,00 x 2,00 mm
6119	10	PE water meter seal for cold water meter W 270 & UBA 1"	29,00 x 37,00 x 2,00 mm
8830	50	OHA-Press seal for spigot nuts W 270 & UBA ⅜"	17,00 x 24,00 x 1,80 mm
8831	40	OHA-Press seal for fittings W 270 & UBA ⅜"	19,00 x 27,00 x 1,80 mm
8833	30	OHA-Press seal for fittings W 270 & UBA ½" small	21,00 x 30,00 x 1,80 mm
8832	30	OHA-Press seal for fittings W 270 & UBA ½" large	24,00 x 34,00 x 1,80 mm
8834	25	OHA-Press seal for fittings W 270 & UBA ¾"	27,00 x 38,00 x 1,80 mm
8835	25	OHA-Press seal for fittings W 270 & UBA 1"	32,00 x 44,00 x 1,80 mm
7360	20	Rubber crush seals ⅜"	8,00 x 14,00 x 4,00 mm
7361	20	Rubber crush seals ⅜"	10,00 x 14,00 x 4,00 mm
7362	20	Rubber crush seals ½"	8,00 x 18,00 x 4,00 mm
7363	20	Rubber crush seals ½"	10,00 x 18,00 x 4,00 mm
8842	10	OHA-Press seal for dip tube port W 270 & UBA 1¼"	30,00 x 39,00 x 1,80 mm
8843	10	OHA-Press seal for dip tube port W 270 & UBA 1½"	35,00 x 45,00 x 1,80 mm
7334	5	Rubber seal for dip tube port 1½"	38,00 x 41,50 x 4,00 mm
8142	10	Rubber seal for spigot nuts 1¼"	30,00 x 39,00 x 3,00 mm
8143	10	Rubber seal for spigot nuts 1½"	35,00 x 45,00 x 3,00 mm
7302	5	Rubber seal for siphons	44,00 x 55,00 x 3,00 mm
7305	2	Rubber seal for siphons	55,00 x 66,00 x 3,00 mm
7333	10	Rubber seal for dip tube port 1¼"	30,00 x 37,00 x 4,00 mm
3660	10	Valve seal compatible for GROHE®-Longlife-Upper part ½"	165 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Sealing Assortment "Profi"

Seals and sanitary parts, packed in PP box, transparent and break-proof. Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: Fiber rings & PE-Water meter seals: Exclusively for use with drinking water suitable.
*Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
7310	1	4		black	355 x 225 x 45 mm	1043 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7336	100	Fiberrings for drinking water ⅜", W 270 & UBA	9,00 x 14,00 x 1,00 mm
7338	100	Fiberrings for drinking water ½", W 270 & UBA	12,00 x 18,00 x 1,50 mm
8606	5	Rubber seal for ga fittings 1", DVGW	30,50 x 37,00 x 3,00 mm
7341	50	Fiberrings for drinking water ⅜", W 270 & UBA	17,00 x 21,00 x 1,50 mm
7339	50	Fiberrings for drinking water ¾" x 1/2", W 270 & UBA	17,00 x 24,00 x 1,50 mm
7342	75	Fiberrings for drinking water ½", W 270 & UBA	21,00 x 25,00 x 1,50 mm
7343	25	Fiberrings for drinking water ¾", W 270 & UBA	27,00 x 32,00 x 1,50 mm
6113	5	Wedge seal 1¼"	32,00 x 38,00 x 8,00 mm
6114	3	Wedge seal 1½"	39,00 x 44,00 x 8,00 mm
3511	50	OHA tap washer disk with hole	11,00 x 4,00 x 4,00 mm
3514	50	OHA tap washer disk with hole ⅜"	14,00 x 4,00 x 4,00 mm
3516	50	OHA tap washer disk with hole ½"	16,00 x 4,00 x 4,50 mm
3517	50	OHA tap washer disk with hole ½"	17,00 x 4,00 x 4,50 mm
3524	20	OHA tap washer disk with hole ¾"	24,00 x 4,00 x 4,50 mm
3528	5	OHA tap washer disk with hole 1"	28,00 x 4,00 x 4,50 mm
3513	45	OHA tap washer disk with hole ¼" + ⅜"	13,00 x 5,00 x 4,00 mm
3515	40	OHA tap washer disk with hole ⅜" + ½"	15,00 x 5,00 x 4,50 mm
3616	10	OHA water-faucets ½"	16,00 x 4,00 mm
3617	10	OHA water-faucets ½"	17,00 x 4,00 mm
8601	25	Rubber seal for ga fittings ½", DVGW	20,00 x 27,50 x 2,00 mm
8602	10	Rubber seal for ga fittings 3/4", DVGW	25,00 x 34,50 x 2,00 mm
8605	10	Rubber seal for ga fittings ¾", DVGW	22,50 x 29,00 x 3,00 mm
8142	10	Rubber seal for spigot nuts 1¼"	30,00 x 39,00 x 3,00 mm
8143	10	Rubber seal for spigot nuts 1½"	35 ,00x 45,00 x 3,00 mm
6118	15	PE water meter seals for cold water meter ¾", W 270 & UBA	23,00 x 29,00 x 2,00 mm
6119	5	PE water meter seals for cold water meter 1", W 270 & UBA	29,00 x 37,00 x 2,00 mm
7360	25	Rubber crush seals ⅜"	8,00 x 14,00 x 4,00 mm
7361	25	Rubber crush seals ⅜"	10,00 x 14,00 x 4,00 mm
7362	25	Rubber crush seals	8,00 x 18,00 x 4,00 mm
7363	10	Rubber crush seals ½"	10,00 x 18,00 x 4,00 mm
8842	10	OHA-Press seal for dip tube port 1¼", W 270 & UBA	30,00 x 39,00 x 1,80 mm
8843	10	OHA-Press seal for dip tube port 1½", W 270 & UBA	35,00 x 45,00 x 1,80 mm
7333	20	Rubber seal for dip tube port 1¼"	30,00 x 37,00 x 4,00 mm
7334	14	Rubber seal for dip tube port 1½"	38,00 x 41,50 x 4,00 mm
8158	10	Rubber float buffer	9,00 x 6,00 mm
8160	10	Rubber float buffer	10,00 x 5,50 mm
4134	5	Rubber float membranes	18,00 x 5,00 mm
4135	5	Rubber float membranes	22,00 x 5,00 mm
4118	5	OKA-float membrane	26,00 x 5,50 mm
3305	5	Seat and apparatus buffer, black, Gr. 2	5,00 x 20,00 x 10,00 mm
3308	5	Seat and apparatus buffer, bright, Gr. 2	5,00 x 20,00 x 10,00 mm
7302	10	Rubber seal for siphons	44,00 x 55,00 x 3,00 mm
7305	5	Rubber seal for siphons	55,00 x 66,00 x 3,00 mm
8175	10	Rubber seal for perl jet regulator	15,00 x 21,00 x 2,00 mm
4121	3	Cistern rings, gray, suitable for Düsseldorfer® cistern	29,50 x 18,90 x 11,00 mm



Rubber Sealing Assortment

Rubber gaskets for drainage, crushing, hose fittings as well as for bead flow regulators, with 17 different dimensions. Packed in PP box, transparent and break resistant. table of contents, dimensions & quantity is included in each box.

*Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
7321	1	18		black	210 x 110 x 35 mm	103 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7360	10	Rubber crush seals ⅜"	8,00 x 14,00 x 4,00 mm
7361	10	Rubber crush seals ⅜"	10,00 x 14,00 x 4,00 mm
7365	5	Rubber crush seals ⅜"	12,00 x 14,00 x 4,00 mm
7367	5	Rubber crush seals	16,00 x 20,50 x 4,00 mm
7368	5	Rubber crush seals ¾"	18,00 x 24,00 x 4,00 mm
8142	15	Rubber seal for spigot nut 1¼"	30,00 x 39,00 x 3,00 mm
8143	10	Rubber seal for spigot nut 1½"	35,00 x 45,00 x 3,00 mm
7302	3	Rubber siphon gasket	44,00 x 55,00 x 3,00 mm
7305	2	Rubber siphon gasket	55,00 x 66,00 x 3,00 mm
7333	5	Rubber seal for dip tube port 1¼"	30,00 x 37,00 x 4,00 mm
7334	3	Rubber seal for dip tube port 1½"	38,00 x 41,50 x 4,00 mm
8150	5	Rubber seal for fittings with inlay ½"	15,00 x 24,00 x 3,00 mm
8151	2	Rubber rings for fittings with inlay ¾"	21,00 x 30,00 x 3,00 mm
8175	5	Rubber seal for perl jet regulator	15,00 x 21,00 x 2,00 mm
7414	5	Rubber seal for perl jet regulator	14,00 x 21,00 x 3,00 mm
8174	5	Rubber seal for perl jet regulator	16,50 x 21,00 x 1,50 mm
7416	5	Rubber seal for perl jet regulator	19,00 x 25,50 x 3,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Sanitary Sealing Assortment



Seals and sanitary parts are packed in a PP box, transparent and unbreakable. Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: Fiber rings: Exclusively for use with drinking water suitable.
*Note: Various seals (except fiber rings) are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Total content:
7419	1	8		red/black	270 x 180 x 42 mm	743 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7336	25	Fiberrings for drinking water ⅜", W 270 & UBA	9,00 x 14,00 x 1,00 mm
7332	50	Fiberrings for drinking water ½", W 270 & UBA	12,00 x 19,00 x 1,50 mm
7340	50	Fiberrings for drinking water, W 270 & UBA	13,00 x 17,00 x 1,50 mm
7348	20	Fiberrings for drinking water, W 270 & UBA	16,00 x 24,00 x 2,50 mm
7341	50	Fiberrings for drinking water ⅜", W 270 & UBA	17,00 x 21,00 x 1,50 mm
7342	50	Fiberrings for drinking water ½", W 270 & UBA	21,00 x 25,00 x 1,50 mm
7343	20	Fiberrings for drinking water ¾", W 270 & UBA	27,00 x 32,00 x 1,50 mm
6114	2	Wedge seal for rinsing siphon 1½"	39,00 x 44,00 x 8,00 mm
6116	5	Wedge seal for washbasin siphon 1¼"	38,00 x 32,00 x 7,00 mm
3511	10	OHA tap washer disk with hole ⅛" + ¼"	11,00 x 4,00 x 4,00 mm
3514	25	OHA tap washer disk with hole ⅜"	14,00 x 4,00 x 4,00 mm
3516	25	OHA tap washer disk with hole ½"	16,00 x 4,00 x 4,50 mm
3517	20	OHA tap washer disk with hole ½"	17,00 x 4,00 x 4,50 mm
3522	2	OHA tap washer disk with hole ¾"	22,00 x 4,00 x 4,50 mm
3524	4	OHA tap washer disk with hole ¾"	24,00 x 4,00 x 4,50 mm
3528	2	OHA tap washer disk with hole 1"	28,00 x 4,00 x 4,50 mm
3513	25	OHA tap washer disk with hole ¼" + ⅜"	13,00 x 5,00 x 4,00 mm
3515	25	OHA tap washer disk with hole ⅜" + ½"	15,00 x 5,00 x 4,50 mm
3523	10	OHA tap washer disk with hole ¾"	23,00 x 5,00 x 4,50 mm
3107	7	Rubber tap washer cone (dom cone) ½"	17,00 mm
7360	25	Rubber crush seals ⅜"	8,00 x 14,00 x 4,00 mm
7361	25	Rubber crush seal	10,00 x 14,00 x 4,00 mm
7362	20	Rubber crush seals ½"	8,00 x 18,00 x 4,00 mm
7363	20	Rubber crush seals ½"	10,00 x 18,00 x 4,00 mm
7364	10	Rubber crush seals ½"	12,00 x 18,00 x 4,00 mm
8842	5	OHA-Press seal for dip tube port 1¼", W 270 & UBA	30,00 x 39,00 x 1,80 m
8843	5	OHA-Press seal for dip tube port 1½", W 270 & UBA	35,00 x 45,00 x 1,80 mm
8846	25	OHA-Press seal for spigot nuts ⅜", W 270 & UBA	9,00 x 15,00 x 1,80 mm
8847	25	OHA-Press seal for spigot nuts ½", W 270 & UBA	10,00 x 18,00 x 1,80 mm
7333	5	Rubber seal for dip tube port 1¼"	32,00 x 37,00 x 4,00 mm
7334	2	Rubber seal for dip tube port 1½"	38,00 x 41,50 x 4,00 mm
8142	10	Rubber seal for spigot nuts 1¼"	30,00 x 39,00 x 3,00 mm
8143	5	Rubber seal for spigot nuts 1½"	35,00 x 45,00 x 3,00 mm
2219	10	Length compensation ⅜"	8,00 mm
2214	10	Length compensation ⅜"	10,00 mm
2213	6	Spigot nut, chromed for length compensation ⅜"	
2231	10	Clamping rings conical, brass ⅜"	8,20 x 13,50 x 3,00 mm
2232	25	Clamping rings conical, brass ⅜"	10,00 x 13,50 x 2,50 mm
2229	10	Glide rings ⅜"	8,50 x 14,00 x 1,00 mm
2230	25	Glide rings, brass ⅜"	10,00 x 14,00 x 1,00 mm
2227	4	Spigot nut conical ⅜"	
3660	10	Valve seal suitable for GROHE®-Longlife-upper part ½"	5,80 x 16,50 x 5,00 mm

Sanitary sealing card



Sanitary sealing card suitable for various works in the sanitary field. Packed in a blister card, on the back with printed table of contents.

*Note: Fiber rings: Exclusively suitable for drinking water use.
*Note: Various seals (except fiber rings) are suitable for industrial use, but not for drinking water contact. but are not tested or approved for contact with drinking water!

Article no.	PU	PU	PU	Colour	Size:	Total content:
77031	5			black	213 x 140 mm	32 Pcs.



O-Ring Assortment small

In NBR quality, largely oil- and petrol-resistant. Packed in PP box, transparent & unbreakable. Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Total content:
4600	1	18			180 x 105 x 16 mm	300 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
9107	40	Rubber O-rings for sanitary fittings, NBR	6,20 x 1,00 mm
9102	30	Rubber O-rings for sanitary fittings, NBR	6,00 x 1,50 mm
9104	40	Rubber O-rings for sanitary fittings, NBR	6,00 x 2,00 mm
9134	30	Rubber O-rings for sanitary fittings, NBR	7,00 x 2,00 mm
9127	25	Rubber O-rings for sanitary fittings, NBR	7,50 x 2,00 mm
9143	25	Rubber O-rings for sanitary fittings, NBR	8,00 x 2,00 mm
9244	15	Rubber O-rings for sanitary fittings, NBR	14,00 x 2,00 mm
9194	15	Rubber O-rings for sanitary fittings, NBR	11,00 x 2,50 mm
9245	10	Rubber O-rings for sanitary fittings, NBR	14,00 x 2,50 mm
9294	5	Rubber O-rings for sanitary fittings, NBR	18,00 x 2,50 mm
9226	10	Rubber O-rings for sanitary fittings, NBR	13,50 x 2,75 mm
9144	25	Rubber O-rings for sanitary fittings, NBR	8,00 x 3,00 mm
9163	15	Rubber O-rings for sanitary fittings, NBR	9,00 x 3,00 mm
9206	10	Rubber O-rings for sanitary fittings, NBR	12,00 x 3,00 mm
9309	5	Rubber O-rings for sanitary fittings, NBR	19,00 x 3,00 mm



Rubber O-Ring Assortment for Dornbracht® armatures

O-rings in NBR quality in 16 different dimensions, suitable for fittings of sanitary, bidet, kitchen, bath and shower series, as well as various accessories. Table of contents about articles, dimensions, Quantity is included in each box. Packed in PP box, transparent and break resistant.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Total content:
7393	1	8		black	270 x 180 x 42 mm	341 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
9637	15	Rubber O-rings for sanitary fittings, NBR	23,00 x 1,50 mm
9291	20	Rubber O-rings for sanitary fittings, NBR	18,10 x 1,60 mm
9636	15	Rubber O-rings for sanitary fittings, NBR	22,00 x 1,60 mm
9634	20	Rubber O-rings for sanitary fittings, NBR	17,17 x 1,78 mm
9193	50	Rubber O-rings for sanitary fittings, NBR	11,00 x 2,00 mm
9203	40	Rubber O-rings for sanitary fittings, NBR	12,00 x 2,00 mm
9194	40	Rubber O-rings for sanitary fittings, NBR	11,00 x 2,50 mm
9635	15	Rubber O-rings for sanitary fittings, NBR	21,50 x 2,50 mm
9232	25	Rubber O-rings for sanitary fittings, NBR	13,05 x 2,60 mm
9524	15	Rubber O-rings for sanitary fittings, NBR	36,17 x 2,62 mm
9585	10	Rubber O-rings for sanitary fittings, NBR	45,69 x 2,62 mm
9226	20	Rubber O-rings for sanitary fittings, NBR	13,50 x 2,75 mm
9348	15	Rubber O-rings for sanitary fittings, NBR	22,00 x 3,00 mm
9329	15	Rubber O-rings for sanitary fittings, NBR	20,50 x 3,50 mm
9374	15	Rubber O-rings for sanitary fittings, NBR	26,00 x 3,50 mm
9556	10	Rubber O-rings for sanitary fittings, NBR	40,00 x 4,00 mm
5370	1	OHA special grease for o-rings	tube 25 ml

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Rubber O-Ring Assortment suitable for HANSA® fittings



O-rings in NBR quality in 34 different dimensions, suitable for thermostats AP / UP as well as armature series Star, Ronda, Delta, Mix, Disk, Twen, Kreta, Nordica, Nova, Lux and various accessories. Packed in PP box, transparent & unbreakable. Table of contents about articles, dimensions, Quantity is included in each box.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Total content:
7370	1	8		black	270 x 180 x 42	1405 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
9170	100	Rubber O-rings for sanitary fittings, NBR	10,00 x 1,50 mm
9223	30	Rubber O-rings for sanitary fittings, NBR	13,00 x 1,50 mm
9135	100	Rubber O-rings for sanitary fittings, NBR	7,10 x 1,60 mm
9145	100	Rubber O-rings for sanitary fittings, NBR	8,10 x 1,60 mm
9138	100	Rubber O-rings for sanitary fittings, NBR	7,65 x 1,78 mm
9165	100	Rubber O-rings for sanitary fittings, NBR	9,25 x 1,78 mm
9360	30	Rubber O-rings for sanitary fittings, NBR	23,53 x 1,78 mm
9591	25	Rubber O-rings for sanitary fittings, NBR	50,52 x 1,78 mm
9122	100	Rubber O-rings for sanitary fittings, NBR	6,80 x 1,80 mm
9085	100	Rubber O-rings for sanitary fittings, NBR	5,70 x 1,90 mm
9192	100	Rubber O-rings for sanitary fittings, NBR	10,60 x 2,00 mm
9244	30	Rubber O-rings for sanitary fittings, NBR	14,00 x 2,00 mm
9261	30	Rubber O-rings for sanitary fittings, NBR	16,00 x 2,00 mm
9292	40	Rubber O-rings for sanitary fittings, NBR	18,00 x 2,00 mm
9330	30	Rubber O-rings for sanitary fittings, NBR	21,00 x 2,00 mm
9380	25	Rubber O-rings for sanitary fittings, NBR	27,00 x 2,00 mm
9224	30	Rubber O-rings for sanitary fittings, NBR	13,5 x 2,50 mm
9245	30	Rubber O-rings for sanitary fittings, NBR	14,00 x 2,50 mm
9251	30	Rubber O-rings for sanitary fittings, NBR	15,00 x 2,50 mm
9294	30	Rubber O-rings for sanitary fittings, NBR	18,00 x 2,50 mm
9323	30	Rubber O-rings for sanitary fittings, NBR	20,00 x 2,50 mm
9370	20	Rubber O-rings for sanitary fittings, NBR	25,00 x 2,50 mm
9378	20	Rubber O-rings for sanitary fittings, NBR	26,70 x 2,50 mm
9475	15	Rubber O-rings for sanitary fittings, NBR	32,00 x 2,50 mm
9500	15	Rubber O-rings for sanitary fittings, NBR	35,00 x 2,50 mm
9221	30	Rubber O-rings for sanitary fittings, NBR	12,37 x 2,62 mm
9373	20	Rubber O-rings for sanitary fittings, NBR	26,64 x 2,62 mm
9545	10	Rubber O-rings for sanitary fittings, NBR	39,34 x 2,62 mm
9585	10	Rubber O-rings for sanitary fittings, NBR	45,69 x 2,62 mm
9587	10	Rubber O-rings for sanitary fittings, NBR	47,29 x 2,62 mm
9253	30	Rubber O-rings for sanitary fittings, NBR	15,00 x 3,00 mm
9538	10	Rubber O-rings for sanitary fittings, NBR	38,00 x 3,50 mm
9483	15	Rubber O-rings for sanitary fittings, NBR	33,00 x 3,00 mm
9576	10	Rubber O-rings for sanitary fittings, NBR	42,00 x 3,50 mm

Rubber O-Ring Assortment suitable for GROHE® fittings



O-rings in NBR-quality in 23 different dimensions, suitable for thermostats AP / UP as well as the valve series Europlus, Euromix, Ladylux, Eurodisc, Moen, Florida, Colani, Atlanta, Costa as well as various accessories. Packed in PP box, transparent & unbreakable. Table of contents about articles, dimensions, Quantity is included in each box.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Total content:
7375	1	8		black	270 x 180 x 42 mm	845 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
9526	50	Rubber O-rings for sanitary fittings, NBR	36,50 x 1,00 mm
9472	25	Rubber O-rings for sanitary fittings, NBR	32,00 x 1,30 mm
9368	40	Rubber O-rings for sanitary fittings, NBR	25,00 x 1,50 mm
9295	50	Rubber O-rings for sanitary fittings, NBR	18,20 x 1,70 mm
9104	100	Rubber O-rings for sanitary fittings, NBR	6,00 x 2,00 mm
9244	30	Rubber O-rings for sanitary fittings, NBR	14,00 x 2,00 mm
9330	50	Rubber O-rings for sanitary fittings, NBR	21,00 x 2,00 mm
9345	40	Rubber O-rings for sanitary fittings, NBR	22,00 x 2,00 mm
9372	40	Rubber O-rings for sanitary fittings, NBR	26,00 x 2,00 mm
9474	25	Rubber O-rings for sanitary fittings, NBR	32,00 x 2,00 mm
9498	25	Rubber O-rings for sanitary fittings, NBR	35,00 x 2,00 mm
9144	60	Rubber O-rings for sanitary fittings, NBR	8,00 x 2,50 mm
9294	30	Rubber O-rings for sanitary fittings, NBR	18,00 x 2,50 mm
9323	30	Rubber O-rings for sanitary fittings, NBR	20,00 x 2,50 mm
9463	25	Rubber O-rings for sanitary fittings, NBR	30,00 x 2,50 mm
9226	40	Rubber O-rings for sanitary fittings, NBR	13,50 x 2,75 mm
9358	25	Rubber O-rings for sanitary fittings, NBR	23,00 x 2,80 mm
9163	40	Rubber O-rings for sanitary fittings, NBR	9,00 x 3,00 mm
9365	25	Rubber O-rings for sanitary fittings, NBR	24,00 x 3,00 mm
9555	20	Rubber O-rings for sanitary fittings, NBR	40,00 x 3,00 mm
9348	25	Rubber O-rings for sanitary fittings, NBR	22,00 x 3,05 mm
9296	25	Rubber O-rings for sanitary fittings, NBR	18,00 x 3,50 mm
9434	25	Rubber O-rings for sanitary fittings, NBR	28,00 x 3,50 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber O-Ring Assortment suitable for Kludi® fittings

O-rings in NBR quality in 24 diff. dimensions, suitable for thermostats AP / UP as well as the series of fittings Pamela, Flair, Favorit, Logo Mix, Adlon, Bermuda, Cobra de Luxe, Vanessa, Bingo, Formaplus, Sinaplus, Cobratherm, Object mix, Kludimix, standard & Special. Packed in PP box, transparent and break resistant. Table of contents about articles, dimensions, Quantity is included in each box.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Total content:
4144	1	8		black	270 x 180 x 42 mm	1010 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
9290	40	Rubber O-rings for sanitary fittings, NBR	18,00 x 1,15 mm
9271	40	Rubber O-rings for sanitary fittings, NBR	17,00 x 1,50 mm
9332	40	Rubber O-rings for sanitary fittings, NBR	21,00 x 1,50 mm
9430	30	Rubber O-rings for sanitary fittings, NBR	28,00 x 1,50 mm
9192	100	Rubber O-rings for sanitary fittings, NBR	10,60 x 2,00 mm
9252	40	Rubber O-rings for sanitary fittings, NBR	15,00 x 2,00 mm
9273	30	Rubber O-rings for sanitary fittings, NBR	17,00 x 2,00 mm
9292	40	Rubber O-rings for sanitary fittings, NBR	18,00 x 2,00 mm
9345	40	Rubber O-rings for sanitary fittings, NBR	22,00 x 2,00 mm
9142	100	Rubber O-rings for sanitary fittings, NBR	8,00 x 2,40 mm
9219	100	Rubber O-rings for sanitary fittings, NBR	13,30 x 2,40 mm
9246	80	Rubber O-rings for sanitary fittings, NBR	14,00 x 2,40 mm
9263	40	Rubber O-rings for sanitary fittings, NBR	16,30 x 2,40 mm
9346	30	Rubber O-rings for sanitary fittings, NBR	22,00 x 2,50 mm
9381	20	Rubber O-rings for sanitary fittings, NBR	27,00 x 2,50 mm
9432	30	Rubber O-rings for sanitary fittings, NBR	28,00 x 2,50 mm
9527	20	Rubber O-rings for sanitary fittings, NBR	37,00 x 2,50 mm
9362	40	Rubber O-rings for sanitary fittings, NBR	23,50 x 2,55 mm
9592	10	Rubber O-rings for sanitary fittings, NBR	50,47 x 2,62 mm
9226	80	Rubber O-rings for sanitary fittings, NBR	13,50 x 2,75 mm
9371	20	Rubber O-rings for sanitary fittings, NBR	25,20 x 3,00 mm
9477	20	Rubber O-rings for sanitary fittings, NBR	32,00 x 3,00 mm
9589	10	Rubber O-rings for sanitary fittings, NBR	48,00 x 3,00 mm
9590	10	Rubber O-rings for sanitary fittings, NBR	50,00 x 3,00 mm



Rubber O-Ring Assortment suitable for GROHE® fittings

Suitable for the most common GROHE® fittings. Packed in PP box, transparent and break resistant. Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: Fiber rings: Exclusively for use with drinking water suitable.
*Note: The O-rings (except fiber rings) are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Total content:
4142	1	8			270 x 180 x 42 mm	930 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
9271	80	Rubber O-rings for sanitary fittings, NBR	17,00 x 1,50 mm
9252	80	Rubber O-rings for sanitary fittings, NBR	15,00 x 2,00 mm
9261	80	Rubber O-rings for sanitary fittings, NBR	16,00 x 2,00 mm
9273	80	Rubber O-rings for sanitary fittings, NBR	17,00 x 2,00 mm
9345	60	Rubber O-rings for sanitary fittings, NBR	22,00 x 2,00 mm
9498	30	Rubber O-rings for sanitary fittings, NBR	35,00 x 2,00 mm
9588	10	Rubber O-rings for sanitary fittings, NBR	50,00 x 2,00 mm
9476	40	Rubber O-rings for sanitary fittings, NBR	32,40 x 2,10 mm
9245	80	Rubber O-rings for sanitary fittings, NBR	14,00 x 2,50 mm
9251	60	Rubber O-rings for sanitary fittings, NBR	15,00 x 2,50 mm
9262	60	Rubber O-rings for sanitary fittings, NBR	16,00 x 2,50 mm
9294	60	Rubber O-rings for sanitary fittings, NBR	18,00 x 2,50 mm
9308	60	Rubber O-rings for sanitary fittings, NBR	19,00 x 2,50 mm
9323	40	Rubber O-rings for sanitary fittings, NBR	20,00 x 2,50 mm
9381	40	Rubber O-rings for sanitary fittings, NBR	27,00 x 2,50 mm
9486	15	Rubber O-rings for sanitary fittings, NBR	34,00 x 3,00 mm
9555	15	Rubber O-rings for sanitary fittings, NBR	40,00 x 3,00 mm
7348	40	Fiberrings for drinking water W 270 & UBA	16,00 x 24,00 x 2,50 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber O-ring assortment suitable for Ideal Standard® fittings

O-rings in NBR quality, packed in PP box, transparent and break-proof. Table of contents on articles, dimensions and number of pieces is enclosed with each box.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Total content:
7380	1	4		black	355 x 225 x 45 mm	2218 pcs.

The content consists of:

	Pcs.	Description:	Size:
9150	100	Rubber O-rings for sanitary fittings, NBR	9,00 x 1,20 mm
9202	75	Rubber O-rings for sanitary fittings, NBR	12,00 x 1,50 mm
9223	100	Rubber O-rings for sanitary fittings, NBR	13,00 x 1,50 mm
9250	80	Rubber O-rings for sanitary fittings, NBR	15,00 x 1,50 mm
9295	50	Rubber O-rings for sanitary fittings, NBR	18,20 x 1,70 mm
9077	100	Rubber O-rings for sanitary fittings, NBR	3,68 x 1,78 mm
9165	100	Rubber O-rings for sanitary fittings, NBR	9,25 x 1,78 mm
9222	75	Rubber O-rings for sanitary fittings, NBR	12,42 x 1,78 mm
9243	80	Rubber O-rings for sanitary fittings, NBR	14,00 x 1,78 mm
9254	60	Rubber O-rings for sanitary fittings, NBR	15,60 x 1,78 mm
9297	50	Rubber O-rings for sanitary fittings, NBR	18,77 x 1,78 mm
9328	40	Rubber O-rings for sanitary fittings, NBR	20,35 x 1,78 mm
9360	40	Rubber O-rings for sanitary fittings, NBR	23,53 x 1,78 mm
9375	40	Rubber O-rings for sanitary fittings, NBR	26,70 x 1,78 mm
9442	40	Rubber O-rings for sanitary fittings, NBR	28,30 x 1,78 mm
9491	50	Rubber O-rings for sanitary fittings, NBR	34,65 x 1,78 mm
9562	50	Rubber O-rings for sanitary fittings, NBR	41,00 x 1,78 mm
9591	30	Rubber O-rings for sanitary fittings, NBR	50,52 x 1,78 mm
9083	100	Rubber O-rings for sanitary fittings, NBR	5,00 x 2,00 mm
9188	100	Rubber O-rings for sanitary fittings, NBR	10,00 x 2,00 mm
9273	50	Rubber O-rings for sanitary fittings, NBR	17,00 x 2,00 mm
9292	40	Rubber O-rings for sanitary fittings, NBR	18,00 x 2,00 mm
9330	40	Rubber O-rings for sanitary fittings, NBR	21,00 x 2,00 mm
9364	40	Rubber O-rings for sanitary fittings, NBR	24,00 x 2,00 mm
9474	30	Rubber O-rings for sanitary fittings, NBR	32,00 x 2,00 mm
9522	30	Rubber O-rings for sanitary fittings, NBR	36,00 x 2,00 mm
9583	30	Rubber O-rings for sanitary fittings, NBR	44,00 x 2,00 mm
9195	75	Rubber O-rings for sanitary fittings, NBR	11,30 x 2,40 mm
9220	50	Rubber O-rings for sanitary fittings, NBR	12,30 x 2,40 mm
9246	40	Rubber O-rings for sanitary fittings, NBR	14,00 x 2,40 mm
9262	40	Rubber O-rings for sanitary fittings, NBR	16,00 x 2,50 mm
9233	50	Rubber O-rings for sanitary fittings, NBR	13,10 x 2,62 mm
9327	30	Rubber O-rings for sanitary fittings, NBR	20,29 x 2,62 mm
9440	25	Rubber O-rings for sanitary fittings, NBR	28,25 x 2,62 mm
9490	20	Rubber O-rings for sanitary fittings, NBR	34,59 x 2,62 mm
9528	15	Rubber O-rings for sanitary fittings, NBR	37,77 x 2,62 mm
9525	20	Rubber O-rings for sanitary fittings, NBR	36,20 x 2,65 mm
9206	50	Rubber O-rings for sanitary fittings, NBR	12,00 x 3,00 mm
9324	20	Rubber O-rings for sanitary fittings, NBR	20,20 x 3,00 mm
9366	22	Rubber O-rings for sanitary fittings, NBR	24,20 x 3,00 mm
9589	15	Rubber O-rings for sanitary fittings, NBR	48,00 x 3,00 mm
9505	20	Rubber O-rings for sanitary fittings, NBR	35,00 x 3,20 mm
9325	30	Rubber O-rings for sanitary fittings, NBR	20,22 x 3,53 mm
9436	25	Rubber O-rings for sanitary fittings, NBR	28,17 x 3,53 mm
9560	15	Rubber O-rings for sanitary fittings, NBR	40,87 x 3,53 mm
9248	30	Rubber O-rings for sanitary fittings, NBR	14,00 x 4,00 mm
9558	8	Rubber O-rings for sanitary fittings, NBR	40,65 x 5,33 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Universal Rubber O-Ring Assortment

NBR quality, suitable for the most common models of German manufacturers for spigot upper parts, swivel outlets, hose fittings etc., packed in PP box, transparent and break resistant. Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Total content:
4139	1	8		black	270 x 180 x 42 mm	1780 pcs.

The content is composed of:

	Pcs.	Description:	Size:
9107	50	Rubber O-rings for sanitary fittings, NBR	6,20 x 1,00 mm
9108	90	Rubber O-rings for sanitary fittings, NBR	6,50 x 1,20 mm
9102	100	Rubber O-rings for sanitary fittings, NBR	6,00 x 1,50 mm
9103	50	Rubber O-rings for sanitary fittings, NBR	6,00 x 1,80 mm
9126	100	Rubber O-rings for sanitary fittings, NBR	7,50 x 1,80 mm
9104	50	Rubber O-rings for sanitary fittings, NBR	6,00 x 2,00 mm
9134	50	Rubber O-rings for sanitary fittings, NBR	7,00 x 2,00 mm
9127	50	Rubber O-rings for sanitary fittings, NBR	7,50 x 2,00 mm
9128	50	Rubber O-rings for sanitary fittings, NBR	7,80 x 2,00 mm
9143	30	Rubber O-rings for sanitary fittings, NBR	8,00 x 2,00 mm
9188	50	Rubber O-rings for sanitary fittings, NBR	10,00 x 2,00 mm
9229	100	Rubber O-rings for sanitary fittings, NBR	13,80 x 2,00 mm
9244	30	Rubber O-rings for sanitary fittings, NBR	14,00 x 2,00 mm
9277	50	Rubber O-rings for sanitary fittings, NBR	17,50 x 2,00 mm
9124	100	Rubber O-rings for sanitary fittings, NBR	7,20 x 2,20 mm
9131	200	Rubber O-rings for sanitary fittings, NBR	7,90 x 2,50 mm
9144	50	Rubber O-rings for sanitary fittings, NBR	8,00 x 2,50 mm
9194	70	Rubber O-rings for sanitary fittings, NBR	11,00 x 2,50 mm
9232	30	Rubber O-rings for sanitary fittings, NBR	13,05 x 2,60 mm
9245	50	Rubber O-rings for sanitary fittings, NBR	14,00 x 2,50 mm
9262	30	Rubber O-rings for sanitary fittings, NBR	16,00 x 2,50 mm
9294	40	Rubber O-rings for sanitary fittings, NBR	18,00 x 2,50 mm
9231	30	Rubber O-rings for sanitary fittings, NBR	13,95 x 2,62 mm
9225	30	Rubber O-rings for sanitary fittings, NBR	13,40 x 2,70 mm
9228	50	Rubber O-rings for sanitary fittings, NBR	13,60 x 2,70 mm
9264	50	Rubber O-rings for sanitary fittings, NBR	16,90 x 2,70 mm
9226	30	Rubber O-rings for sanitary fittings, NBR	13,50 x 2,75 mm
9146	30	Rubber O-rings for sanitary fittings, NBR	8,70 x 3,00 mm
9163	50	Rubber O-rings for sanitary fittings, NBR	9,00 x 3,00 mm
9206	50	Rubber O-rings for sanitary fittings, NBR	12,00 x 3,00 mm
9298	20	Rubber O-rings for sanitary fittings, NBR	18,70 x 3,00 mm
9483	10	Rubber O-rings for sanitary fittings, NBR	33,00 x 3,00 mm
9435	10	Rubber O-rings for sanitary fittings, NBR	28,00 x 4,00 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Industrial O-Ring-Box "NBR" (inch dimensions)



O-rings in NBR-quality, largely oil- Petrol resistant, in 32 different dimensions. Packed in red plastic box. Table of contents about articles, dimensions, Quantity is included in each box.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Total content:
4136	1	20		black	270 x 160 x 45 mm	407 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
9600	20	Rubber O-rings for sanitary fittings, NBR (R01)	2,90 x 1,78 mm
9205	20	Rubber O-rings for sanitary fittings, NBR (R02)	4,47 x 1,78 mm
9602	20	Rubber O-rings for sanitary fittings, NBR (R03)	6,07 x 1,78 mm
9138	20	Rubber O-rings for sanitary fittings, NBR (R04)	7,65 x 1,78 mm
9165	20	Rubber O-rings for sanitary fittings, NBR (R05)	9,25 x 1,78 mm
9222	20	Rubber O-rings for sanitary fittings, NBR (R06)	12,42 x 1,78 mm
9606	13	Rubber O-rings for sanitary fittings, NBR (R07)	9,19 x 2,62 mm
9200	13	Rubber O-rings for sanitary fittings, NBR (R08)	10,71 x 2,62 mm
9221	13	Rubber O-rings for sanitary fittings, NBR (R09)	12,37 x 2,62 mm
9201	13	Rubber O-rings for sanitary fittings, NBR (R10)	13,94 x 2,62 mm
9610	13	Rubber O-rings for sanitary fittings, NBR (R11)	15,54 x 2,62 mm
9204	13	Rubber O-rings for sanitary fittings, NBR (R12)	17,12 x 2,62 mm
9299	13	Rubber O-rings for sanitary fittings, NBR (R13)	18,72 x 2,62 mm
9327	13	Rubber O-rings for sanitary fittings, NBR (R14)	20,29 x 2,62 mm
9614	13	Rubber O-rings for sanitary fittings, NBR (R15)	21,89 x 2,62 mm
9615	10	Rubber O-rings for sanitary fittings, NBR (R16)	18,64 x 3,53 mm
9616	10	Rubber O-rings for sanitary fittings, NBR (R17)	20,22 x 3,53 mm
9617	10	Rubber O-rings for sanitary fittings, NBR (R18)	21,82 x 3,53 mm
9618	10	Rubber O-rings for sanitary fittings, NBR (R19)	23,40 x 3,53 mm
9619	10	Rubber O-rings for sanitary fittings, NBR (R20)	24,99 x 3,53 mm
9620	10	Rubber O-rings for sanitary fittings, NBR (R21)	26,58 x 3,53 mm
9436	10	Rubber O-rings for sanitary fittings, NBR (R22)	28,17 x 3,53 mm
9622	10	Rubber O-rings for sanitary fittings, NBR (R23)	29,75 x 3,53 mm
9623	10	Rubber O-rings for sanitary fittings, NBR (R24)	31,34 x 3,53 mm
9624	10	Rubber O-rings for sanitary fittings, NBR (R25)	32,92 x 3,53 mm
9625	10	Rubber O-rings for sanitary fittings, NBR (R26)	34,52 x 3,53 mm
9626	10	Rubber O-rings for sanitary fittings, NBR (R27)	36,10 x 3,53 mm
9627	10	Rubber O-rings for sanitary fittings, NBR (R28)	37,69 x 3,53 mm
9560	10	Rubber O-rings for sanitary fittings, NBR (R29)	40,87 x 3,53 mm
9210	10	Rubber O-rings for sanitary fittings, NBR (R30)	44,44 x 3,53 mm
9582	10	Rubber O-rings for sanitary fittings, NBR (R31)	47,22 x 3,53 mm
9631	10	Rubber O-rings for sanitary fittings, NBR (R32)	50,40 x 3,53 mm

Industrial O-Ring-Box "NBR", (metric dimensions)



In this special range, you will find O-rings in 32 different sizes in NBR quality, largely oil- petrol. Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact! Packed in red plastic box.

Article no.	PU	PU	PU	Colour	Size:	Total content:
4182	1	20		black	270 x 160 x 45 mm	419 pcs.

The content is composed of:

	Piece:	Description:	Size:
9176	40	O-ring NBR (in cover)	3,00 x 1,50 mm (R-01)
9174	23	O-ring NBR (in cover)	7,00 x 1,50 mm (R-04)
9170	23	O-ring NBR (in cover)	10,00 x 1,50 mm (R-05)
9223	23	O-ring NBR (in cover)	13,00 x 1,50 mm (R-06)
9175	40	O-ring NBR (in cover)	4,40 x 2,00 mm (R-02)
9173	14	O-ring NBR (in cover)	10,00 x 2,50 mm (R-07)
9194	13	O-ring NBR (in cover)	11,00 x 2,50 mm (R-08)
9172	14	O-ring NBR (in cover)	13,00 x 2,50 mm (R-09)
9245	13	O-ring NBR (in cover)	14,00 x 2,50 mm (R-10)
9262	14	O-ring NBR (in cover)	16,00 x 2,50 mm (R-11)
9294	14	O-ring NBR (in cover)	18,00 x 2,50 mm (R-12)
9308	13	O-ring NBR (in cover)	19,00 x 2,50 mm (R-13)
9171	14	O-ring NBR (in cover)	21,00 x 2,50 mm (R-14)
9346	13	O-ring NBR (in cover)	22,00 x 2,50 mm (R-15)
9296	10	O-ring NBR (bottom)	18,00 x 3,50 mm (R-16)
9190	10	O-ring NBR (bottom)	20,00 x 3,50 mm (R-17)
9189	10	O-ring NBR (bottom)	22,00 x 3,50 mm (R-18)
9187	10	O-ring NBR (bottom)	23,50 x 3,50 mm (R-19)
9186	10	O-ring NBR (bottom)	25,00 x 3,50 mm (R-20)
9185	10	O-ring NBR (bottom)	26,50 x 3,50 mm (R-21)
9434	10	O-ring NBR (bottom)	28,00 x 3,50 mm (R-22)
9464	10	O-ring NBR (bottom)	30,00 x 3,50 mm (R-23)
9184	10	O-ring NBR (bottom)	31,00 x 3,50 mm (R-24)
9183	10	O-ring NBR (bottom)	33,00 x 3,50 mm (R-25)
9182	10	O-ring NBR (bottom)	34,50 x 3,50 mm (R-26)
9181	10	O-ring NBR (bottom)	36,00 x 3,50 mm (R-27)
9538	10	O-ring NBR (bottom)	38,00 x 3,50 mm (R-28)
9180	10	O-ring NBR (bottom)	41,00 x 3,50 mm (R-29)
9179	10	O-ring NBR (bottom)	44,00 x 3,50 mm (R-30)
9178	10	O-ring NBR (bottom)	47,00 x 3,50 mm (R-31)
9177	10	O-ring NBR (bottom)	50,00 x 3,50 mm (R-32)

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Industrial O-Ring-Box "Silicone" (inch dimensions)

In this special range, you will find silicone O-rings in 32 diff. dimensions, 70° Shore A, temperature resistance up to 220° C, physiologically harmless. Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact! Packed in a yellow plastic box.

Article no.	PU	PU	PU	Colour	Size:	Total content:
4180	1	20		red	270 x 160 x 45 mm	407 pcs.

The content is composed of:

	Piece:	Description:	Size:
48	20	O-ring silicone (in cover)	2,90 x 1,78 mm
46	20	O-ring silicone (in cover)	4,48 x 1,78 mm
45	20	O-ring silicone (in cover)	6,07 x 1,78 mm
44	20	O-ring silicone (in cover)	7,66 x 1,78 mm
42	20	O-ring silicone (in cover)	9,25 x 1,78 mm
39	20	O-ring silicone (in cover)	12,42 x 1,78 mm
43	13	O-ring silicone (in cover)	9,19 x 2,62 mm
41	13	O-ring silicone (in cover)	10,78 x 2,62 mm
40	13	O-ring silicone (in cover)	12,37 x 2,62 mm
38	13	O-ring silicone (in cover)	13,95 x 2,62 mm
37	13	O-ring silicone (in cover)	15,54 x 2,62 mm
36	13	O-ring silicone (in cover)	17,13 x 2,62 mm
35	13	O-ring silicone (in cover)	18,72 x 2,62 mm
34	13	O-ring silicone (in cover)	20,29 x 2,62 mm
33	13	O-ring silicone (in cover)	21,89 x 2,62 mm
66	10	O-Ring Silicone (bottom)	18,64 x 3,53 mm
65	10	O-Ring Silicone (bottom)	20,22 x 3,53 mm
64	10	O-Ring Silicone (bottom)	21,82 x 3,53 mm
63	10	O-Ring Silicone (bottom)	23,40 x 3,53 mm
62	10	O-Ring Silicone (bottom)	24,99 x 3,53 mm
61	10	O-Ring Silicone (bottom)	26,58 x 3,53 mm
60	10	O-Ring Silicone (bottom)	28,17 x 3,53 mm
59	10	O-Ring Silicone (bottom)	29,75 x 3,53 mm
58	10	O-Ring Silicone (bottom)	31,34 x 3,53 mm
57	10	O-Ring Silicone (bottom)	32,92 x 3,53 mm
56	10	O-Ring Silicone (bottom)	34,52 x 3,53 mm
55	10	O-Ring Silicone (bottom)	36,10 x 3,53 mm
54	10	O-Ring Silicone (bottom)	37,69 x 3,53 mm
53	10	O-Ring Silicone (bottom)	40,87 x 3,53 mm
52	10	O-Ring Silicone (bottom)	44,04 x 3,53 mm
51	10	O-Ring Silicone (bottom)	47,22 x 3,53 mm
50	10	O-Ring Silicone (bottom)	50,40 x 3,53 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Industrial O-Ring-Box "Silicone" (metric dimensions)



In this special range, you will find silicone O-rings in 32 diff. dimensions, 70° Shore A, temperature resistance up to 220° C, physiologically harmless. Table of contents about articles, dimensions and number of pieces is included in each box.

**Note: The rubber O-rings are suitable for industrial water applications, but not tested or approved for drinking water contact! Packed in a yellow plastic box.

Article no.	PU	PU	PU	Colour	Size:	Total content:
4181	1	20		red	270 x 160 x 45 mm	419 pcs.

The content is composed of:

	Piece:	Description:	Size:
81	40	O-ring silicone (in cover)	3,00 x 1,50 mm (R-01)
78	23	O-ring silicone (in cover)	7,00 x 1,50 mm (R-04)
77	23	O-ring silicone (in cover)	10,00 x 1,50 mm (R-05)
74	23	O-ring silicone (in cover)	13,00 x 1,50 mm (R-06)
80	40	O-ring silicone (in cover)	4,40 x 2,00 mm (R-02)
76	14	O-ring silicone (in cover)	10,00 x 2,50 mm (R-07)
79	18	O-ring silicone (in cover)	5,00 x 2,00 mm (R-03)
75	13	O-ring silicone (in cover)	11,00 x 2,50 mm (R-08)
73	14	O-ring silicone (in cover)	13,00 x 2,50 mm (R-09)
72	13	O-ring silicone (in cover)	14,00 x 2,50 mm (R-10)
71	14	O-ring silicone (in cover)	16,00 x 2,50 mm (R-11)
70	14	O-ring silicone (in cover)	18,00 x 2,50 mm (R-12)
69	13	O-ring silicone (in cover)	19,00 x 2,50 mm (R-13)
68	14	O-ring silicone (in cover)	21,00 x 2,50 mm (R-14)
67	13	O-ring silicone (in cover)	22,00 x 2,50 mm (R-15)
98	10	O-Ring Silicone (bottom)	18,00 x 3,50 mm (R-16)
97	10	O-Ring Silicone (bottom)	20,00 x 3,50 mm (R-17)
96	10	O-Ring Silicone (bottom)	22,00 x 3,50 mm (R-18)
95	10	O-Ring Silicone (bottom)	23,50 x 3,50 mm (R-19)
94	10	O-Ring Silicone (bottom)	25,00 x 3,50 mm (R-20)
93	10	O-Ring Silicone (bottom)	26,50 x 3,50 mm (R-21)
92	10	O-Ring Silicone (bottom)	28,00 x 3,50 mm (R-22)
91	10	O-Ring Silicone (bottom)	30,00 x 3,50 mm (R-23)
90	10	O-Ring Silicone (bottom)	31,00 x 3,50 mm (R-24)
89	10	O-Ring Silicone (bottom)	33,00 x 3,50 mm (R-25)
88	10	O-Ring Silicone (bottom)	34,50 x 3,50 mm (R-26)
87	10	O-Ring Silicone (bottom)	36,00 x 3,50 mm (R-27)
86	10	O-Ring Silicone (bottom)	38,00 x 3,50 mm (R-28)
85	10	O-Ring Silicone (bottom)	41,00 x 3,50 mm (R-29)
84	10	O-Ring Silicone (bottom)	44,00 x 3,50 mm (R-30)
83	10	O-Ring Silicone (bottom)	47,00 x 3,50 mm (R-31)
82	10	O-Ring Silicone (bottom)	50,00 x 3,50 mm (R-32)

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA Seal Case

The OHA-sealing case with carrying handle made of blue, enamelled steel plate and two clamping closures ensure that it remains tightly closed even under rough handling. The built-in forcing lock prevents a unintentional opening, which would be inevitably lead for a big mess.Table of contents about articles, dimensions and number of pieces is included in each box.

*Note:
► Fiber rings and PE water knife seals: Exclusively suitable for drinking water use.
► The rubber O-rings are suitable for industrial water applications, but are not tested or approved for contact with drinking water! water contact tested or approved!
► For detailed technical information, please refer to chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
7390	1	3		blue	440 x 330 x 66 mm	2021 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7336	100	Fiberrings for drinking water ⅜", W 270 & UBA	9,00 x 14,00 x 1,00 mm
7337	100	Fiberrings for drinking water ½", W 270 & UBA	10,00 x 18,00 x 1,50 mm
7332	100	Fiberrings for drinking water ½", W 270 & UBA	12,00 x 19,00 x 1,50 mm
7341	100	Fiberrings for drinking water ⅜", W 270 & UBA	17,00 x 21,00 x 1,50 mm
7342	100	Fiberrings for drinking water ½", W 270 & UBA	21,00 x 25,00 x 1,50 mm
7348	60	Fiberrings for drinking water ¾", W 270 & UBA	16,00 x 24,00 x 2,50 mm
7360	100	Rubber crush seals ⅜"	8,00 x 14,00 x 4,00 mm
7361	100	Rubber crush seals ⅜"	10,00 x 14,00 x 4,00 mm
7362	50	Rubber crush seals ½"	8,00 x 18,00 x 4,00 mm
7363	50	Rubber crush seals ½"	10,00 x 18,00 x 4,00 mm
8142	25	Rubber seal for spigot nuts 1¼"	30,00 x 39,00 x 3,00 mm
8143	20	Rubber seal for spigot nuts 1½"	35,00 x 45,00 x 3,00 mm
6117	5	Wedge seal for washbasin siphons 1¼"	37,00 x 32,30 x 8,60 mm
6116	5	Wedge seal for washbasin siphons 1¼"	37,00 x 32,30 x 8,60 mm
6114	5	Wedge seal for rinsing siphon 1½"	44,00 x 39,00 x 8,00 mm
6118	25	PE water meter seal for cold water meter ¾"	23,00 x 29,00 x 2,00 mm
6119	5	PE water meter seal for cold water meter 1"	29,00 x 37,00 x 2,00 mm
3513	100	OHA tap washer disk with hole ¼" + ⅜"	13,00 x 5,00 x 4,00 mm
3514	100	OHA tap washer disk with hole ⅜"	14,00 x 4,00 x 4,00 mm
3515	100	OHA tap washer disk with hole ⅜" + ½"	15,00 x 5,00 x 4,50 mm
3516	125	OHA tap washer disk with hole ½"	16,00 x 4,00 x 4,50 mm
3517	50	OHA tap washer disk with hole ½"	17,00 x 4,00 x 4,50 mm
3524	20	OHA tap washer disk with hole ¾"	24,00 x 4,00 x 4,50 mm
3613	100	OHA water faucets ¼" + ⅜"	13,00 x 4,00 mm
3616	75	OHA water faucets ½"	16,00 x 4,00 mm
8125	25	Rubber siphon dip pipe seal 1¼"	31,00 x 39,00 x 2,00 mm
8127	25	Rubber siphon dip pipe seal 1½"	35,00 x 45,00 x 2,00 mm
7333	15	Rubber seal for dip tube port 1¼"	32,00 x 37,00 x 4,00 mm
7306	2	Rubber membranes, flat for cisterns compatible for GEBERIT®10000	63,00 x 23,00 x 3,00 mm
7400	2	Rubber membranes, flat for cisterns compatible for WISA®	65,00 x 23,50 x 3,00 mm
7402	2	Rubber membranes, flat for cisterns compatible for Schwab®	24,00 x 65,00 x 4,00 mm
7401	2	Rubber membranes, flat for cisterns compatible for DAL®	29,00 x 65,00 x 3,00 mm
7355	2	Rubber membranes, flat for cisterns compatible for GEBERIT® 20000	63,00 x 32,00 x 3,00 mm
8121	40	Rubber washers connector seal ½"	12,00 x 23,00 x 2,00 mm
8150	20	Rubber rings for hose-end-fitting with inlay ½"	15,00 x 24,00 x 3,00 mm
8151	7	Rubber rings for hose-end-fitting with inlay ¾"	21,00 x 30,00 x 3,00 mm
7302	5	Rubber seal for siphons compatible for 52 mm cups	44,00 x 55,00 x 3,00 mm
5225	2	Perl jet regulator, M 22	inner thread
5226	2	Perl jet regulator, M 24	outer thread
7414	60	Rubber seal for perl jet regulator M 24	14,00 x 21,00 x 3,00 mm
8175	80	Rubber seal for perl jet regulator M 22	15,00 x 21,00 x 2,00 mm
3660	60	Valve seal compatible for GROHE®-Longlife-upper part ½"	5,80 x 16,50 x 5,00 mm
4121	1	Cistern rings	29,50 x 48,90 x 11,00 mm
4134	5	Rubber float membrane	18,00 x 5,00 mm
4135	5	Rubber float membrane compatible for JOMO®-Spülkasten	22,00 x 5,00 mm
6144	2	Valve stopper "Komfort" for drains	40,50 mm
6145	2	Valve stopper "Komfort" for drains	43,50 mm
6152	1	Valve stopper with large split ring (hand ring)	45,50 mm
6146	2	Valve stopper "Komfort" for drains	45,50 mm
5250	1	Ball chain, brass chromed	300 mm
5252	1	Ball chain, brass chromed	500 mm
2204	5	Dirt sieves made of metal ½"	
4100	1	"O-Ring-Boy" sealing assortment	
5370	1	OHA special o-ring-grase	Tube 25 ml
5885	1	OHA glass fiber round cords	1 m x 6,00 mm
5886	1	OHA glass fiber round cords	1m x 8,00 mm
5358	1	PTFE-Thread-Sealing-Tape, DVGW, Roll "FRp"	
2123	3	Hose clamps acc. to DIN 3017-1, ½"	16 - 27 mm
2125	2	Hose clamps acc. to DIN 3017-1, ¾"	20 - 32 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

OHA Sanitary Installation Case



The OHA-Sani-Box with carrying handle is made of green, enamelled steel sheet. Two clamping closures ensure that they remain tightly closed even under rough handling. The built-in forcing lock prevents a unintentional opening, which would be inevitably lead for a big mess.Table of contents about articles, dimensions and number of pieces is included in each box.

*Note: Fiber rings & PE-Water meter seals: Exclusively for use with drinking water suitable.
*Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
7600	1	8		green	330 x 275 x 48 mm	1015 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7336	100	Fiberrings for drinking water "W 270" & "UBA" 3/8"	9,00 x 14,00 x 1,00 mm
7337	100	Fiberrings for drinking water "W 270" & "UBA" 1/2"	10,00 x 18,00 x 1,50 mm
7332	100	Fiberrings for drinking water "W 270" & "UBA" 1/2"	12,00 x 19,00 x 1,50 mm
7341	50	Fiberrings for drinking water "W 270" & "UBA" 3/8"	17,00 x 21,00 x 1,50 mm
7342	50	Fiberrings for drinking water "W 270" & "UBA" 1/2"	21,00 x 25,00 x 1,50 mm
7343	5	Fiberrings for drinking water "W 270" & "UBA" 3/4"	27,00 x 33,00 x 1,50 mm
3513	50	OHA tap washer disk with hole 1/4" & 3/8"	13,00 x 5,00 x 4,00 mm
7348	50	Fiberrings for drinking water "W 270" & "UBA" 3/4"	16,00 x 24,00 x 2,50 mm
3514	50	OHA tap washer disk with hole 3/8"	14,00 x 4,00 x 4,00 mm
3515	50	OHA tap washer disk with hole 3/8" & 1/2"	15,00 x 5,00 x 4,50 mm
3516	50	OHA tap washer disk with hole 1/2"	16,00 x 4,00 x 4,50 mm
3517	40	OHA tap washer disk with hole 1/2"	17,00 x 4,00 x 4,50 mm
3524	5	OHA tap washer disk with hole 3/4"	24,00 x 4,00 x 4,50 mm
3616	30	OHA water faucets 1/2"	16,00 x 4,00 mm
7407	2	Rubber membranes, flat for cisterns suitable for ABU-STAR®	31,00 x 62,00 x 2,20 mm
7406	2	Rubber membranes, flat for cisterns suitable for Geberit® 25920, 25925	58,00 x 32,00 x 3,00 mm
7306	2	Rubber membranes, flat for cisterns suitable for Geberit® 10200	63,00 x 23,00 x 3,00 mm
7355	2	Rubber membranes, flat for cisterns suitable for Geberit® 10000, 20000, 27000	32,00 x 63,00 x 3,00 mm
7402	2	Rubber membranes, flat for cisterns suitable for Schwab®	24,00 x 64,00 x 4,00 mm
7401	2	Rubber membranes, flat for cisterns suitable for DAL®	29,00 x 65,00 x 3,00 mm
6116	7	Wedge seal for washbasin siphon compatible for Grohe®-Siphon 1 1/4"	32,00 x 38,00 x 7,00 mm
6114	3	Wedge seal for rinsing siphon 1½"	39,00 x 44,00 x 8,00 mm
8842	15	OHA-Press seal for dip tube port "W 270" & "UBA" 1¼"	30,00 x 39,00 x 1,80 mm
8843	10	OHA-Press seal for dip tube port "W 270" & "UBA"	35,00 x 45,00 x 1,80 mm
6118	5	PE water meter seals for cold water meter "W 270" & "UBA" 3/4"	23,00 x 29,00 x 2,00 mm
6119	3	PE water meter seals for cold water meter "W 270" & "UBA" 1"	29,00 x 37,00 x 2,00 mm
7333	5	Rubber seal for dip tube port 1¼"	32,00 x 37,00 x 4,00 mm
7334	3	Rubber seal for dip tube port 1½"	38,00 x 44,00 x 4,00 mm
7465	5	Rubber seal for dip tube port	33,00 x 38,00 x 5,00 mm
8142	15	Rubber seal for spigot nuts 1¼"	30,00 x 39,00 x 3,00 mm
8143	10	Rubber seal for spigot nuts 1½"	32,00 x 45 x 3,00 mm
7360	50	Rubber crush seals for low pressure fittings 3/8"	8,00 x 14,00 x 4,00 mm
7361	50	Rubber crush seals 3/8"	10,00 x 14,00 x 4,00 mm
6163	5	Plastic crush rings for dip tubes 1½"	40,50 x 45,00 x 3,00 mm
5225	1	Perl jet regulator chromed	M22 Inner thread
5226	1	Perl jet regulator 1"	M24 Outer thread
7414	10	Rubber seal for perl jet regulator	14,00 x 21,00 x 3,00 mm
8175	10	Rubber seal for perl jet regulator	15,00 x 21,00 x 2,00 mm
8121	5	Rubber washer connector Gasket 1/2"	12,00 x 23,00 x 2,00 mm
8150	12	Rubber rings for hose-end-fitting with inlay 1/2"	15,00 x 24,00 x 3,00 mm
8151	5	Rubber rings for hose-end-fitting with inlay 3/4"	21,00 x 30,00 x 3,00 mm
3660	30	Valve seal compatible for GROHE®-Longlife-upper part 1/2"	5,80 x 16,50 x 5,00 mm
6143	1	Valve stopper "Komfort" for drains	38,50 mm
6144	1	Valve stopper "Komfort" for drains	40,50 mm
6145	1	Valve stopper "Komfort" for drains	43,50 mm
6146	1	Valve stopper "Komfort" for drains	45,50 mm
6152	1	Valve stopper with large split ring (hand ring)	
5250	1	Ball chain, brass chromed	300 mm long
5252	1	Ball chain, brass chromed	500 mm long
2204	2	Dirt sieves made of metal	
5885	1	OHA glass fiber round cords	6 x 1000 mm
5358	1	PTFE-Thread-Sealing-Tape, DVGW, Roll "FRp"	
7595	1	Mounting tape "Sanifreund"	Length: 1 m
5312	1	OHA grease for fittings	Tube 25 ml

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Heating Installation Case

The multiple proven heating installation case with carrying handle made of red, enamelled steel plate and two clamping closures ensure that it remains tightly closed even under rough handling. The built-in forcing lock prevents a unintentional opening, which would be inevitably lead for a big mess.Table of contents about articles, dimensions, Quantity is included in each box.

*Note: Fiber rings: Exclusively for use with drinking water suitable.
*Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Size:	Total content:
8500	1	4		red	440 x 330 x 66 mm	991 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:
7340	100	Fiberrings for drinking water ¼", W270 & UBA	13,00 x17,00 x 1,50 mm
7341	100	Fiberrings for drinking water ⅜", W270 & UBA	17,00 x 21,00 x 1,50 mm
7342	100	Fiberrings for drinking water ¾", W270 & UBA	27,00 x 33,00 x 1,50 mm
7343	50	Fiberrings for drinking water ¾", W270 & UBA	27,00 x 33,00 x 1,50 mm
7344	10	Fiberrings for drinking water 1", W270 & UBA	33,00 x 40,00 x 1,50 mm
7345	10	Fiberrings for drinking water, W270 & UBA	42,00 x 51,00 x 1,50 mm
7346	5	Fiberrings for drinking water 1½", W270 & UBA	48,00 x 58,00 x 1,50 mm
7347	5	Fiberrings for drinking water 2", W270 & UBA	60,00 x 70,00 x 1,50 mm
8830	50	OHA-Press seal for spigot nuts, W270 & UBA	17,00 x 24,00 x 1,80 mm
8831	50	OHA-Press seal for spigot nuts, W270 & UBA	19,00 x 27,00 x 1,80 mm
8833	100	OHA-Press seal for spigot nuts, W270 & UBA	21,00 x 30,00 x 1,80 mm
8832	100	OHA-Press seal for spigot nuts, W270 & UBA	24,00 x 34,00 x 1,80 mm
8834	90	OHA-Press seal for spigot nuts, W270 & UBA	27,00 x 38,00 x 1,80 mm
8835	50	OHA-Press seal for spigot nuts, W270 & UBA	32,00 x 44,00 x 1,80 mm
8836	20	OHA-Press seal for spigot nuts, W270 & UBA	42,00 x 55,00 x 1,80 mm
8837	20	OHA-Press seal for spigot nuts, W270 & UBA	46,00 x 62,00 x 1,80 mm
8838	5	OHA-Press seal for fittings, W270 & UBA	60,00 x 78,00 x 1,80 mm
8873	5	Drinking water flange seal, W270 & UBA	35,00 x 70,00 x 1,80 mm
8874	5	Flange seal acc. to DIN EN 1514-1	43,00 x 82,00 x 1,80 mm
8875	5	Flange seal acc. to DIN EN 1514-1	49,00 x 92,00 x 1,80 mm
8902	5	Flange seal acc. to DIN 2631, DN 25	25,00 x 60,00 x 1,80 mm
8903	5	Flange seal acc. to DIN 2631, DN 32	32,00 x 70,00 x 1,80 mm
8904	5	Flange seal acc. to DIN 2631, DN 40	40,00 x 80,00 x 1,80 mm
8414	5	Rubber seal for fittings with inlay	27,00 x 38,00 x 3,00 mm
8415	5	Rubber seal for fittings with inlay	32,00 x 44,00 x 3,00 mm
8416	5	Rubber seal for fittings with inlay 1¼"	42,00 x 55,00 x 3,00 mm
8150	10	Rubber rings for hose fittings with inlay, ½"	15,00 x 24,00 x 3,00 mm
8151	10	Rubber rings for hose fittings with inlay, ¾"	21,00 x 30,00 x 3,00 mm
8849	20	OHA-Press radiator gaskets 1¼"	42,00 x 55,00 x 1,0 mm
2220	2	Hose-end-fitting, brass polished	½" x ¾"
2240	1	Hose-end-fitting, brass polished	½" x 1"
2122	10	Hose clamps acc. to DIN 3017-1, ½"	12 - 22 mm
2123	4	Hose clamps acc. to DIN 3017-1, ¾"	16 - 27 mm
5885	1	OHA glass fiber round cords	6 mm Ø, Length: 1 m
5886	1	OHA glass fiber round cords	8 mm Ø, Lenght: 1 m
5887	1	OHA glass fiber round cords	10 mm Ø, Length: 1 m
5330	1	Fire-resistant boiler putty	Can 250 g
5319	1	Plastic-Anti-Corrosions-Tape, light grey	50 mm, 10 m
5323	1	Plastic-Anti-Corrosions-Tape, ivory	50 mm, 10 m
5308	1	Sealing flax coil "MAZZONI"	80 g
5358	2	PTFE-Thread-Sealing-Tape, DVGW, Roll "FRp"	
5373	1	OHA thread sealing paste, DIN & DVGW	90 g
2205	10	Radiator venting key, galvanized	
2460	1	Leather five finger gloves J3	
5777	1	OHA-Welding mat	500 x 500 mm
7300	1	Mini sealing assortment	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Seal cutting case item no. 7700 - the quick help on the construction site!



► for individual production of seals from 38 mm i-Ø to 240 mm a-Ø.
► in an attractive stable metal case, silver colored
► case dimensions: 330 x 275 x 48 mm

Caution: To protect the cutting blade, place the punched card on the metal cutting plate.

► 2 pieces item no. 7720
Rubber press plates, 2 mm without inlay, quality NBR, for special and high demands, nitrile rubber, condtionally oil and gasoline resistant, temperature resistance from -20° C to +110° C.

► 2 pieces item no. 7620
Rubber press plates, 2 mm without inlay, quality EPDM, molded rubber mixture, DVGW tested according to W270 (suitability for drinking water), aging and weathering resistant, Temperature resistance from -30° C to +100° C.

► 2 pieces item no. 7722
Rubber sealing plates, 3 mm with 1 inlay, quality NR-SBR, standard version without special requirements, temperature resistance from -20° C to +70° C

► 2 pieces item no. 7723
OHA special sealing plates 2 mm, quality fiber-reinforced graphite plate - outstanding high compressive strength, also suitable for heat-conducting oils, temperesistance from -100° C to +360° C.

► 2 pieces item no. 7621
Rubber press plates, 2 mm without inlay, quality NBR, suitable for the production of seals for gas fittings for an operating pressure of up to 4 bar. DVGW approved & tested according to DIN EN 682 as well as DIN EN 549, temperature-resistant from -15° C to +80° C.

► 3 pieces item no. 7724
SK-foil, all seals can be made "self-adhesive" if necessary.

► 1 pieces item no. 7727
Die-cut cardboard, 2mm, is placed on the metal plate to gentle the knife.

► 2 pieces item no. 7717
Replacement cutting knife

► 1 pieces item no. 7718
Grinding stone

The versatility of the installation and operating conditions can only be used as non-binding guidelines. On request, we will provide you with the corresponding technical data sheets. Instructions for use and assembly instructions are included in the assortment.

Note: For further information, e.g. assembly instructions, please visit: www.haas.de/downloads

Article no.	PU	PU	PU	Colour	Description:	Dimensions:
7700	1			aluminium	Seal cutting case complete	330 x 275 x 48 mm
7720	2			black	Rubber crush plate, NBR	Ø ca. 252 mm
7722	3			black	Rubber seal plate, NR-SBR	Ø ca. 252 mm
7723	2			yellow	OHA-Secial sealing plate	Ø ca. 252 mm
7724	3				SK-Foil	Ø ca. 252 mm
7727	1			grey	Punching cardboard	Ø ca. 252 mm
7717	2			steel	Replacement blade	
7718	1			pink	Grinding stone	
7620	1			black	Rubber crush plate, EPDM	Ø ca. 252 mm
7621	1			black	Sealing material, NBR	Ø ca. 252 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Hose Clamps Assortment W1

Hose clamps and accessories.

► packed in PP box, transparent and break resistant.

Article no.	PU	PU	PU	Colour	Size:	Total content:
2500	1	8			270 x 180 x 42 mm	70 pcs.

The content is composed of:

Item:	Piece:	Description:	Size:	Clamping range:
2120	20	Hose clamps acc. to DIN 3017-1, ¼" + ⅜"	9 mm width	10 - 16 mm
2122	15	Hose clamps acc. to DIN 3017-1, ½"	9 mm width	12 - 22 mm
2123	15	Hose clamps acc. to DIN 3017-1	9 mm width	16 - 27 mm
2125	12	Hose clamps acc. to DIN 3017-1, ¾"	9 mm width	20 - 32 mm
2127	3	Hose clamps acc. to DIN 3017-1, 1"	13 mm width	25 - 40 mm
2271	1	Connection tube, brass pressed	½" - hose	
2272	1	Connection tube, brass pressed	¾" - hose	
2220	1	Hose-end-fitting, brass polished	½" - hose	
2246	1	Angle fitting 90° made of plastic	for ½" - hose	
1	1	Hose clamps, endless		



Hose Clamps Assortment W5, stainless steel (V4A)

► made of stainless steel W5 (V4A) according to DIN 3017-1
► in this range the most common sizes are summarized
► each hose clamp bears the impression of the diameter range and the article number

Article no.	PU	PU	PU	Colour	Size:	Total content:
2501	1	8			270 x 180 x 42 mm	74 pcs.

The content is composed of:

Item:	Piece:	Description:	Clamping range:	Band width:
2520	20	Hose clamps W5 for ¼" + ⅜"	10 - 16 mm	9 mm
2522	15	Hose clamps W5	12 - 22 mm	9 mm
2523	15	Hose clamps W5	16 - 27 mm	9 mm
2525	12	Hose clamps W5	20 - 32 mm	9 mm
2527	3	Hose clamps W5	25 - 40 mm	12 mm
2528	3	Hose clamps W5	32 - 50 mm	12 mm
2530	3	Hose clamps W5	40 - 60 mm	12 mm
2531	3	Hose clamps W5	50 - 70 mm	12 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Assortment box empty, small

PP assortment box, transparent and unbreakable, with cover. In the base are 5 removable longitudinal webs.

Article no.	PU	PU	PU	Colour	Area size:	Size:
5110	1	18		transp.	30 x 100 mm	210 x 110 x 35 mm



Assortment box empty, medium

PP assortment box, transparent and unbreakable, with cover. In the lower part there are 5 fixed longitudinal webs. The 12 transverse inserts can be used individually at a later date, which results in up to 18 equally sized compartments.

Article no.	PU	PU	PU	Colour	Area size:	Size:
5108	1	8		transp.	43 x 57 mm	270 x 180 x 42 mm



Assortment box empty, medium

PP assortment box, transparent and unbreakable, with cover. In the lower part there are 4 fixed longitudinal webs. The 8 transverse inserts can be used individually at a later date, which results in up to 12 equally sized compartments.

Article no.	PU	PU	PU	Colour	Area size:	Size:
5122	1	8		transp.	43 x 57 mm 1 compartment 86 x 171 mm fixed	270 x 180 x 42 mm



Assortment box empty, large

PP assortment box, transparent and unbreakable, with cover. In the lower part there are 3 fixed longitudinal webs. The 20 transverse inserts can be used individually at a later date, which results in up to 24 equally sized compartments.

Article no.	PU	PU	PU	Colour	Area size:	Size:
5109	1	10		transp.	57 x 52 mm	355 x 255 x 45 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

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Chapter 16
Hoses and Accessories





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... that we have developed our product range with hoses especially for the sanitary and heating requirements?

i.e. we have deliberately aside from from offering you so-called "home improvement qualities". You can of course also use our water hoses for garden irrigation.

Guidelines for the intended use for hoses.

In order to ensure an unproblematic and at any time trouble-free stakes of our product range tubing, please observe the following instructions.

1. Hose connections are designed for temporary use and must not take over a permanent installation function.
2. Hoses must always be tension-free, tight bending radius and kinks must be avoided as well as tensile loads.
3. Hoses are not to be subjected to mechanical stress, e.g. by complaining about objects.
4. Hoses must be installed in such a way that rolling over with a vehicle tire is not possible.
5. Tubes are conceive for static loads, a dynamic load such as frequent movement must be checked and released beforehand.
6. Check hoses regularly for external damage and keep pressureless by unattended. For inspection, hoses has to be always free accessible .
7. Hoses has to be always be used within the specific, physical and chemical conditions.
8. Inlet and outlet for washing machines and dish-washers as well as applications of the same type has to be replaced at the latest after 6 years.
9. In case of doubt and special installation conditions, therefore, the user's own trys are essential.
10. A proper storage and handling is necessary in order to achieve the greatest possible service life and long serviceability of hoses. Please make sure that hoses will be not pressed or kink and protected against sun and / or UV radiation.



11. Hoses must generally to be used according to the specified specification. If however use the hoses in other way e.g. supply hose for washing machines to other machines we wont give any warranty.
12. All permanently mounted hoses, such as inlet and outlet hoses, must be checked for leaks after installation. The leak test is to be repeated at regular intervals of three months.

We kindly ask you to observe these instructions in order to ensure a problem-free use of our products at all times.

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Plastic water hose "OHA-Flex“

The classic, popular quality water hose with cross-woven liner.

► suitable for operating pressure up to max. 8 bar (at 20° C)
► suitable for temperature range from +5° C to +40° C.
► with rubber-like properties

Each roll is equipped with an attractive display!

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!





Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:
1124	50			red	½" (appx. 13 mm)	2,4 mm
1125	50			red	¾" (appx. 19 mm)	2,8 mm
1126	50			red	1" (appx. 25 mm)	3,4 mm
1128	25			red	½" (appx. 13 mm)	2,4 mm
1129	25			red	¾" (appx. 19 mm)	2,8 mm
1130	25			red	1" (appx. 25 mm)	3,4 mm
1121	40			red	½" (appx. 13 mm)	2,4 mm
1122	40			red	¾" (appx. 19 mm)	2,8 mm
1123	40			red	1" (appx. 25 mm)	3,4 mm

Plastic water hose "OHA No Twist“

Due to the 5-ply design with double fabric insert, the hose is extremely torsion-proof and torsion-resistant. Highly flexible, resistant to aging and weathering, with cross-woven liner.

► suitable for temperature range from +5°C bis +60°C.
► with rubber-like properties

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!





Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Max. Operating pressure at +20° C:
1270	25			yellow	½" (appx. 13 mm)	2,4 mm	10 bar
1271	50			yellow	½" (appx. 13 mm)	2,4 mm	10 bar
1273	50			yellow	¾" (appx. 19 mm)	3,2 mm	8 bar
1274	25			yellow	1" (appx. 25 mm)	3,6 mm	7 bar
1275	50			yellow	1" (appx. 25 mm)	3,6 mm	7 bar

Plastic water hose "Aqua-Flex“

Highly flexible, resistant to aging and weathering, with cross-woven liner.

► suitable for temperature range from +5° C to +40° C.
► with rubber-like properties

Each roll is equipped with an attractive display!

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!





Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Max. Operating pressure at +20° C:
1280	20			yellow	½" (appx. 13 mm)	2,1 mm	15 bar
1281	30			yellow	½" (appx. 13 mm)	2,1 mm	15 bar
1282	50			yellow	½" (appx. 13 mm)	2,1 mm	15 bar
1283	50			yellow	¾" (appx. 19 mm)	2,4 mm	10 bar
1284	50			yellow	1" (appx. 25 mm)	3,4 mm	10 bar



Plastic water hose "Grünflex“

With cross-woven insert, flexible even at low temperatures.

► suitable for operating pressure up to max. 8 bar at 20° C
► suitable for temperature range from +5° C to +40° C.
► with rubber-like properties

Each roll is equipped with an attractive display!

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:
1254	20			green	½" (appx. 13 mm)	1,5 mm
1258	25			green	½" (appx. 13 mm)	1,5 mm
1255	30			green	½" (appx. 13 mm)	1,5 mm
1251	50			green	½" (appx. 13 mm)	1,5 mm
1252	50			green	¾" (appx. 19 mm)	2,3 mm
1253	50			green	1" (appx. 25 mm)	2,8 mm
1259	25			green	¾" (appx. 19 mm) (NEW)	2,3 mm



Plastic hose "OHA-Robust“

The high-quality quality water hose, dimensionally stable and durable for indoor and outdoor use. With black soul and red ceiling (slightly grooved).

► with cross fabric
► suitable for operating pressure of 10 bar (at +20° C)
► suitable for temperature range from +5° C to +40° C.
► with rubber-like properties
► roll length: 40 m

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:
1171	40			red	¾" (appx. 19 mm)	3,0 mm
1172	40			red	1" (appx. 25 mm)	3,8 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Rubber water hose "Grünstreif“



The wound, thorn-heated version is good ozone, aging and weather-resistant and very flexible. Suitable for industry, construction, agriculture, horticulture and municipal enterprises. Suitable for temperature range from -30° C to +100° C. Best price performance ratio!

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Max. Operating pressure at +20° C:
1131	40			green/black	½" (appx. 13 mm)	4,0 mm	20 bar
1132	40			green/black	¾" (appx. 19 mm)	5,0 mm	20 bar
1133	40			green/black	1" (appx. 25 mm)	6,0 mm	15 bar

Rubber water hose "TRIX-Rotstrahl®“



Highly flexible, robust and low flow resistance due to the pore-free inner surface. Material Inner and outer layer of EPDM with synthetic fabric insert. On request also available up to 2".

► suitable for temperature range from -30° C to +100° C.
► operating pressure up to 20 bar depending on dimension

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Max. Operating pressure at +20° C:
1101	40			red/black	½" (appx. 13 mm)	3,3 mm	20 bar
1102	40			red/black	¾" (appx. 19 mm)	4,0 mm	20 bar
1103	40			red/black	1" (appx. 25 mm)	4,5 mm	20 bar
1104	40				1¼" (appx. 32 mm)	5,5 mm	15 bar

Rubber water hose "OHA-Goldhose“ - THE (almost) ALLROUNDER



High quality industrial hose suitable for passing water. Material smooth inner layer of EPDM, fabric-patterned outer layer of rubber with synthetic fabric insert. The outer cover is highly resistant to abrasion, oil, grease, UV and ozone. Our low-cost and highworthy alternative to Goldschlange®. Chemical and hot water resistant.

► suitable for temperature range from -30 ° C to + 120 ° C.

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Max. Operating pressure at +20° C:
1145	40			yellow/black	½" (appx. 13 mm)	4,0 mm	40 bar
1146	40			yellow/black	¾" (appx. 19 mm)	4,5 mm	35 bar
1147	40			yellow/black	1" (appx. 25 mm)	4,5 mm	25 bar



Rubber water hose "Goldschlange®“

High performance cleaning & Water hose with a pore-free, smooth inner layer of EPDM, fabric-patterned outer layer (oil- and fat-resistant) made of rubber with synthetic fabric insert. Aging & hot water resistant, passable, kink and impact resistant. Dampable up to +130° C.

► suitable for temperature ranges from -30° C to +100° C.

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Max. Operating pressure at +20° C:
1140	40			yellow/black	⅜" (appx. 10 mm)	3,6 mm	30 bar
1141	40			yellow/black	½" (appx. 13 mm)	3,9 mm	30 bar
1142	40			yellow/black	¾" (appx. 19 mm)	4,4 mm	25 bar
1143	40			yellow/black	1" (appx. 25 mm)	4,5 mm	20 bar
1144	40			yellow/black	1¼" (appx. 32 mm)	5,5 mm	12 bar

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Plastic drinking water hose OHA-PROFILINE-AQUA PLUS "W270" & "UBA"

The innovative drinking water hose for the cold water range, tested and approved up to +50° C according to UBA-KTW guidelines, DVGW "W270" and VP 549, good UV resistance, high pressure resistance, high abrasion resistance, impact and kink resistance. Free of PVC, plasticizers and adhesives.

Areas of application of the hose:
Particularly suitable as a mobile hose line for the drinking water area if by legal regulations, a. the UBA guidelines (KTW / W270) require a drinking water hose, For example, in the case of popular festivals, mobile distribution facilities, measuring events, water supply companies, foodstuffs.

► suitable for operating pressure up to max. 20 bar (at 20° C).
► suitable for temperature range from -15° C to +50° C.
► with rubber-like properties
► roll length: 50 m

!!! TOP quality at the best price !!!

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:
1155	50			light blue	½" (appx. 13 mm)	3,5 mm
1156	50			light blue	¾" (appx. 19 mm)	4,0 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber inlet hose for washing machines and dishwashers 3/8" (up to 90°C)

With special inserts, outside gray, inside black, suitable for all washing machines and dishwashers.

► suitable for operating pressure up to max. 20 bar (at 20° C)
► suitable for temperature range up to +90° C
► burst pressure: 60 bar, according to ISO 1402: 2009
► suitable for hot and cold water connection
► roll length: 40 m

Material: rubber EPDM, resistant to aging and weathering acc. To DIN EN 681-1

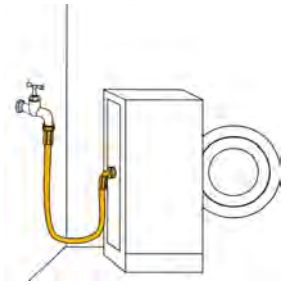
Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:
1352	40			grey	⅜" (appx. 10 mm)	3,5 mm
1350	40				½" (appx. 13 mm)	3,5 mm



Rubber inlet hose for washing machines and dishwashers 3/8" with fittings, (up to 90°C)

One side with straight plastic screw connection ¾", other side with angle plastic screw connection ¾", pre-assembled, with 2 seals.

► suitable for operating pressure up to max. 20 bar (at 20° C)
► suitable for temperature range up to +90° C
► burst pressure: 60 bar, according to ISO 1402: 2009
► for hot and cold water connection
► packed in a polybag.



Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Lenght:
1322	1	10		grey	⅜" (appx. 10 mm)	3,5 mm	1,5 m
1339	15	300			⅜" (appx. 10 mm)	3,5 mm	2,0 m
1323	15	300			⅜" (appx. 10 mm)	3,5 mm	2,5 m
1309	15	300		grey	⅜" (appx. 10 mm)	3,5 mm	3,5 m
1324	1	15	300		½" (appx. 13 mm)	3,5 mm	1,5 m
1316	1	15	300		½" (appx. 13 mm)	3,5 mm	2,0 m
1325	1	15	300		½" (appx. 13 mm)	3,5 mm	2,5 m
1326	1	10	200		½" (appx. 13 mm)	3,5 mm	3,5 m
1078	15	300			⅜" (appx. 10 mm)	3,5 mm	3,0 m



Rubber inlet hose for washing machines and dishwashers, 3/8" x 2500 mm

On the one side with straight plastic screw connection ¾", pre-assembled, with 2 seals.

► suitable for operating pressure up to max. 20 bar (at 20° C)
► suitable for temperature range up to + 90° C
► burst pressure: 60 bar, according to ISO 1402: 2009
► suitable for hot and cold water connection



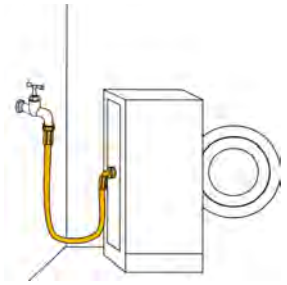
Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Length:
1301	10	200			⅜" (appx. 10 mm)	3,5 mm	2,5 m



Rubber inlet hose for washing machines and dishwashers, 3/8"

One side with metal nut screw connection ¾", other side with metal nut angle fitting ¾", pre-assembled, with 2 seals.

► suitable for operating pressure up to max. 20 bar (at 20° C)
► suitable for temperature range up to +90° C
► burst pressure: 60 bar, according to ISO 1402: 2009
► suitable for hot and cold water connection
► packed in a polybag.



Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Length:
1070	10	560			⅜" (appx. 10 mm)	3,5 mm	1,5 m
1071	15	300			⅜" (appx. 10 mm)	3,5 mm	2,0 m
1072	1			grey	⅜" (appx. 10 mm)	3,5 mm	2,5 m

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber extension hose, 3/8"

Extension hose, one side with straight plastic screw connection ¾", other side with external thread ¾", pre-assembled, with 2 seals.

► suitable for operating pressure up to max. 20 bar (at 20° C)
► suitable for temperature range up to +90° C
► burst pressure: 60 bar, according to ISO 1402: 2009
► suitable for hot and cold water connection
► packed in a polybag.



Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Length:
1304	1				⅜" (appx. 10 mm)	3,5 mm	1,5 m
1305	1				⅜" (appx. 10 mm)	3,5 mm	2,5 m

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Plastic inlet hose for washing machines and dishwashers, gray (up to 20°C)

Fits to all washers and dishwashers. Suitable for hot and cold water connection.

► burst pressure: 60 bar, according to DIN EN 974360
► suitable for operating pressure up to max. 30 bar (at 20° C)
► suitable for temperature range up to +25° C

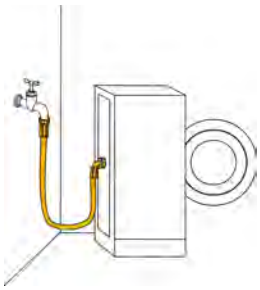
Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:
1701	40			grey	½" (appx. 13 mm)	3,5 mm



Plastic inlet hose for washing machines and dishwashers 3/8", grey (up to 20°C)

One side with straight plastic screw connection ¾", other side with angle plastic screw connection ¾", ready assembled.

► with two seals
► only for cold water connection
► burst pressure: 60 bar, according to DIN EN 61770
► suitable for operating pressure up to max. 20 bar (at 20°C)
► suitable for temperature range up to +25° C



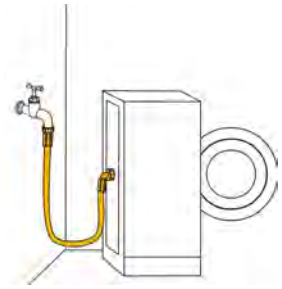
Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Length:
1716	10				⅜" (appx. 10 mm)	3,5 mm	1,5 m
1717	1	10			⅜" (appx. 10 mm)	3,5 mm	2,0 m
1718	1	10			⅜" (appx. 10 mm)	3,5 mm	2,5 m
1719	1	10			⅜" (appx. 10 mm)	3,5 mm	3,0 m
1720	1	10			⅜" (appx. 10 mm)	3,5 mm	3,5 m
1752	1	15	300	grey	½" (appx. 13 mm)	3,5 mm	1,5 m
1753	1	10	200	grey	½" (appx. 13 mm)	3,5 mm	2,0 m
1754	1	10	200	grey	½" (appx. 13 mm)	3,5 mm	2,5 m
1755	1	10	200	grey	½" (appx. 13 mm)	3,5 mm	3,0 m
1756	1	10	200	grey	½" (appx. 13 mm)	3,5 mm	3,5 m



Plastic inlet hose for washing machines and dishwashers with metal fittings 3/8", (up to 20°)

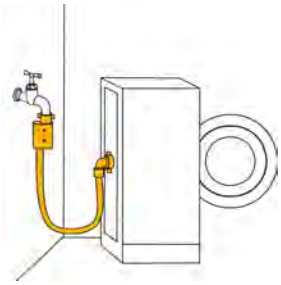
One side with ¾" straight metal nut fitting, other side with metal nut angle fitting ¾", pre-assembled, with 2 seals. Only for cold water connection.

► burst pressure: 60 bar, according to DIN EN 61770
► suitable for operating pressure up to max. 20 bar (at 20°C)
► suitable for temperature range up to +25° C
► packed in a polybag



Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Length:
1725	1	10			⅜" (appx. 10 mm)	3,5 mm	1,5 m
1726	1	15			⅜" (appx. 10 mm)	3,5 mm	2,0 m
1727	1	10		grey	⅜" (appx. 10 mm)	3,5 mm	2,5 m
1728	1	10			⅜" (appx. 10 mm)	3,5 mm	3,5 m

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



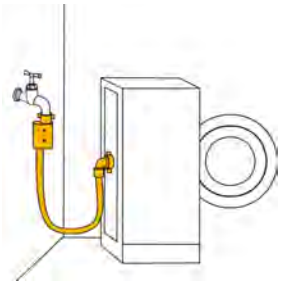
Plastic safety inlet hose (Watersafe)



The hose-in-hose system reliably protects against water damage if the inlet hose is broken or leaky. The external The hose-in-hose system reliably protects against water damage if the inlet hose is broken or leaky. The external protective sheath catches the leakage water and activates the shut-off valve. This safety inlet hose is suitable for washing machines, conditioners and other household appliances with connection to the water supply. Triggered by water-repellent sponge pad, valve lock by magnets and visual indication when triggered, against unscrewing secure connection nut ¾". Advantage over conventional water stop: also reacts to small quantities of leaking water.

► suitable for operating pressure up to max. 10 bar (at 20° C)
► suitable for temperature range up to max. +90° C.
► tested and approved according to DIN VDE.

Article no.	PU	PU	PU	Colour	Length:
1495	1			grey	1,5 m
1496	1	10		grey	2,0 m
1498	1	5		grey	3,0 m
1499	1	150		grey	3,9 m



Combination safety inlet hose



The hose consists of an inner inlet hose and an outer, transparent and corrugated protective sheath. If the inner supply hose leaks, the water is held in the protective sheath and this water becomes discolored when the water is in contact, thus indicating the necessity of the hose exchange. One of the most important advantages of the hose is that the wash cycle can be completed even after the damage has been detected.

► suitable for operating pressure up to max. 20/10 bar (water temperature 25° / 90° C)
► burst pressure max. 60/30 bar (water temperature 25° / 90° C)
► burst pressure of the outer protective sleeve with torn inner hose: 10 bar
► authorizations / verified according to IMQ, WRAS, VDE
► magnetic effect: 11,700 to 12,100 Gauss

Article no.	PU	PU	PU	Colour	Length:
1500	1	5		blue	1,5 m
1501	1	5		blue	2,0 m
1502	1	5		blue	3,0 m

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber outlet hose for washing machines and dishwashers

Rubber lye hose, without fabric insert, for draining water without pressure. We recommend the right accessories, our tube anchors item no. 3176.

► flexible and largely kink-resistant
► suitable for temperature range up to +90°C
► resistant to hot water and alkali
► rolllength: 40 m

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:
1327	40			grey	¾" (appx. 19 mm)	3,5 mm
1340	40			grey	⅞" (appx. 22 mm)	4,0 mm



Rubber outlet hose for washing machines and dishwashers

Rubber tubing for passing water without pressure. For assembly, a connecting tube with 2 hose clamps is attached. We recommend the right accessories, our tube anchors item no. 3176.

► suitable for temperature range up to +90°C



Article no.	PU	PU	PU	Colour	Inner-Ø:	Length:
1342	1	10	200	grey	¾" (appx. 19 mm)	1,5 m
1400	1			grey	¾" (appx. 19 mm)	2,0 m
1343	10	200		grey	¾" (appx. 19 mm)	2,5 m

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Plastic washing machine drain hose 3/4", gray 19 X 3.5 mm (up to 60°C)



Lye hose, without fabric insert, for drainage of water without pressure, in elastic thermoplast quality. We recommend the right accessories, our tube anchors item no. 3176.

► suitable for temperature range up to +60°C
► rolllength: 40 m

Note: Assembly should only be carried out at room temperature.

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:
1250	40			grey	¾" (appx. 19 mm)	3,5 mm



Plastic washing machine spiral drain hose, extendable, (up to 60°C)



Washing machine drain hose with 2 injection-molded, elastic combination sockets 21.5 x 26/29 mm. For draining water without pressure. We recommend you the right one accessories, our hose anchor item no. 3176.

► suitable for temperature range up to max. +60° C
► extendable from 60 to 200 cm or 120 to 400 cm
► continuous corrugation
► high flexibility

Note: Assembly should only be carried out at room temperature.

Article no.	PU	PU	PU	Colour	Description:
1090	1	10		grey	Drain hose, extendable from 60 - 200 cm, with 2 plug sockets
1091	1	10		grey	Drain hose, extendable from 120 - 400 cm, with 2 plug sockets



Plastic washing machine spiral drain hose with hose holder, (up to 60°C)



Very flexible design, on the one hand with molded, elastic sleeves, 19 x 22 mm inside diameter, particularly suitable for the drain connection of the devices in fitted kitchens. For draining water without pressure. We recommend the right accessories, our tube anchors item no. 3176.

► suitable for temperature range up to max. +60°C.

Note: Mounting should only be carried out at room temperature.

Article no.	PU	PU	PU	Colour	Inner-Ø:	Length:
1336	5	250		grey	¾" (appx. 19 mm)	1,5 m
1337	5	200		grey	¾" (appx. 19 mm)	2,5 m
1338	5	150		grey	¾" (appx. 19 mm)	3,5 m

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

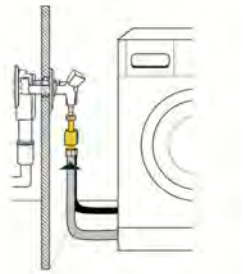


OHA-MAX chalk stopper

Easy assembly thanks to quick-mounting screw connection. Install the decalcifier between the water point and the inlet hose.

► ideal for washing machines and dishwashers
► easy installation
► no chemistry
► magnetic effect: 11,700 to 12,100 Gauss

Article no.	PU	PU	PU	Colour	
1490	1	10		blue	





Hose-Holder for WM-Spiral-Hose

Suitable for mounting and fastening the WM spiral hoses item no. 1336-1338

Article no.	PU	PU	PU	Colour	
1334	10			grey	





Rubber hose bow

For washing machine connection ¾", externally grooved, suitable for fitting into the sink. For draining water without pressure.

► suitable for temperature range up to +90° C.

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	extended length:
1328	10	50		grey	¾" (appx. 19 mm)	3,5 mm	350 mm
1329	5	25		grey	¾" (appx. 19/22 mm)	3,5 mm	1835 mm





Hose anchor

Protects against damage to enamelled sinks and bathtubs, prevents slipping of the drain hose, weight: 360 grams.

!!! NEW, IMPROVED PRODUCT !!!!

Article no.	PU	PU	PU	Colour	Construction:	Compatible for:
3176	1	50		grey	Metal core with plastic sheath	Drain hose i-Ø: 19 & 22 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Füllset "The Original"

Connection between the tap and boiler to refill the water. Suitable for temperature range up to +40°C. Note: After filling a heating system, the armatures must be closed again and the hose has to be removed so that a water damage caused by a sudden occurrence of overpressure in the system and a bursting of the hose is avoided!

The set consist of:
1 plastic wall hose holder, green
1 water hose "Aqua-Flex" ½", yellow, up to 15 bar operating pressure
2 half "hose fittings ¾" made of brass

► Carton content: 5 pieces in a Polybag.

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!



Article no.	PU	PU	PU	Colour	Construction:
1310	1	5	100	yellow/green	OHA-Füllset 2,5 m
1330	1	5	100	yellow/green	OHA-Füllset 5,0 m



OHA-Füllset with Wall-Hose-Holder, "The low cost"

Connection between the tap and boiler to refill the water. Suitable for temperature range up to +40°C. Note: After filling a heating system, the armatures must be closed again and the hose has to be removed so that a water damage caused by a sudden occurrence of overpressure in the system and a bursting of the hose is avoided!

The set consist of:
1 plastic wall hose holder, black
1 water hose "Aqua-Flex" ½", yellow, up to 15 bar operating pressure
2 ½" hose fittings ¾"

► Carton content: 5 pieces in a Polybag.

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!



Article no.	PU	PU	PU	Colour	Construction:
1610	5	100		yellow/black	OHA-Füllset 2,5 m
1630	100			yellow/black	OHA-Füllset 5,0 m



Aqua-Füllset

The "fast" connection with the high-quality yellow water hose, on both sides equipped with the tried and tested brass plug-in system. Suitable for temperature range up to +40° C. Note: After filling a heating system the valves must be closed again and the hose disassembled so that a bursting of the hose and thus a water damage is prevented in case of sudden overpressure in the system!

The set consists of:
1 plastic wall hose holder, blue
1 water hose "Aqua-Flex" ½" in yellow up to 15 bar operating pressure
2 brass tap connections with ¾" female thread for outlet valves or boiler taps item no. 2291
2 hose fittings made of brass item no. 2283

► Carton content: 5 pieces in a Polybag.

* Note: The hoses are suitable for industrial use, but not tested or approved for contact with drinking water!



Article no.	PU	PU	PU	Colour	Construction:
1314	5	100		yellow/blue	Aqua-Füllset mit 2,5 m hose
1315	5	100		yellow/blue	Aqua-Füllset mit 5,0 m hose

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

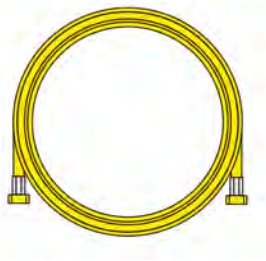


Hose 1/2" for OHA®-Füllset

Connection between drain valve and boiler for refilling the water. Suitable for temperature range up to + 40° C. Note: After filling the heating system, the valves must be closed again. dismantle the hose so that a sudden burst of overpressure in the system prevents the hose from bursting and thus water damage!

► 1 water hose "Aqua-Flex" 1/2 "in yellow up to 15 bar operating pressure, in various versions
► 2 half hose connections 3/4 "made of brass

* Note: The hoses are suitable for industrial use, but not tested for drinking water contact or approved!



Article no.	PU	PU	PU	Colour	Use:	Lenght:
1332	1	20	400	yellow	For OHA-Füllset	2,5 m
1341	1	10	200	yellow	For OHA-Füllset	5,0 m



Plastic wall hose holder

► polypropylene, impact resistant and weather resistant
► tube intake: approx. 50 m 1/2" or approx. 30 m 3/4" depending on the hose type.
► three recesses for attaching hose accessories

20 pieces packed in a carton. Other colors available on request!



Article no.	PU	PU	PU	Colour	
2285	5	280		green	
2274	5	280		blue	
2288	5	100		white	
2286	5	280		black	



Steel wall hose holder

Shapes, light and stable, made of steel, galvanized.

► tube intake: approx. 20 to 30 m ½" hose
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	
2606	1	10	560	galvanized steel	



Professional hose reels

► sturdy galvanized steel frame
► robust welded hose drum made of galvanized steel
► hose connection inside the drum - no kinking of the hose
► with common connector system connection
► for 50 m plastic hose ½"
► easy-to-ride and smooth-running plastic wheels
► installation without tools

Article no.	PU	PU	PU	Colour	
2293	1				

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Plastic suction hose and pressure hose with plastic spiral



Suction and pressure hose can be used in many areas of industry, for irrigation and drainage projects in agriculture, horticulture and construction. Please note that these hoses are neither kinked nor loaded with heavy loads during installation!
► only suitable for cold water use
► for vacuum up to max. 850 mbar can be used

* Note: The hoses are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Inner-Ø:	Max. operating pressure at +20° C:
1403	50			green	appx. 19 mm (¾")	7 bar
1404	50			green	appx. 25 mm (1")	7 bar
1405	25			green	appx. 32 mm (1¼")	7 bar
1406	25			green	appx. 38 mm (1½")	6 bar
1407	25			green	appx. 50 mm (2")	6 bar

Plastic suction hose and pressure hose with steel spiral "THE STABLE"



Heavy version for industry, agriculture & Viticulture for aspirating and sucking non-chemical liquids. The smooth core guarantees a low flow loss and prevents deposits
► suitable for temperature range from 0° C to +60° C.
► for vacuum up to max. 850 mbar can be used
► material: PVC, roll length: 30 m

* Note: The hoses are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Inner-Ø:	Max. operating pressure at +20° C:
1476	30			transp.	appx. 25 mm (1")	9,5 bar
1474	30			transp.	appx. 13 mm (½")	11,5 bar

Plastic hose



Without fabric insert, transparent, conditionally resistant to oil, petrol and alkali. Suitable for cold water use.

* Note: The hoses are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Max. operating pressure at +20° C:
1423	100			transp.	appx. 4 mm	2,0 mm	12 bar
1426	100			transp.	appx. 6 mm (¼")	1,5 mm	7 bar
1427	50			transp.	appx. 6 mm (¼")	2,0 mm	9 bar
1430	50			transp.	appx. 8 mm	2,0 mm	7 bar
1431	50			transp.	appx. 9 mm	2,0 mm	8 bar
1432	50			transp.	appx. 10 mm (⅜")	2,0 mm	6 bar
1434	50			transp.	appx. 12 mm	2,0 mm	5 bar
1419	50			transp.	appx. 13 mm (½")	2,0 mm	5 bar
1436	50			transp.	appx. 13 mm (½")	3,0 mm	7 bar
1437	50			transp.	appx. 16 mm (⅝")	2,0 mm	4 bar
1438	50			transp.	appx. 19 mm (¾")	4,0 mm	6 bar
1420	50			transp.	appx. 22 mm (⅞")	3,0 mm	4 bar
1439	25			transp.	appx. 25 mm (1")	4,5 mm	5 bar
1440	25			transp.	appx. 30 mm	4,5 mm	4 bar
1441	25			transp.	appx. 32 mm (1¼")	5,0 mm	5 bar
1443	25			transp.	appx. 40 mm (1½")	5,0 mm	4 bar

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Plastic high pressure hose with fabric insert

Conditional oil- resistant, extremely flexible, very flexible. Especially for tech. Purposes.
► suitable for temperature range from 0° C to +60° C

* Note: The hoses are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Inner-Ø:	Wall thickness:	Max. operating pressure at +20° C:
1453	50			transp.	6 mm	3,0 mm	23 bar
1454	50			transp.	8 mm	3,0 mm	22 bar
1455	50			transp.	9 mm	3,0 mm	19 bar
1456	50			transp.	10 mm	3,0 mm	17 bar
1457	50			transp.	13 mm	3,5 mm	13 bar
1458	50			transp.	16 mm	4,0 mm	14 bar
1459	50			transp.	19 mm	4,0 mm	12 bar
1460	50			transp.	25 mm	4,5 mm	9 bar
1461	25			transp.	32 mm	5,0 mm	7 bar
1462	25			transp.	38 mm	5,0 mm	6 bar



Food hose "Thermoclean 100"

The highly flexible 5-layered food hose in Thermo-Soft quality is designed for high pressure and high temperature. It offers special safety during heat and pressure surges, cyclic and other pressure loads. External cover repellent against animal, vegetable and mineral fats. Outer cover and interior seam harmless in connection with food, taste- odorless. Application: cleaning, promotion of food (wine, fruit juices, spirits, milk etc.).
► wall thickness 4.5 mm each
► suitable for temperature range from -15° C to +100° C.
► compliant with EU regulation 10/2011 / EU

Article no.	PU	PU	PU	Colour	Inner-Ø:	Length:	Max. operating pressure at +20° C:
1163	20			blue	½" (appx. 13 mm)	20 m	15 bar
1164	40			blue	½" (appx. 13 mm)	40 m	15 bar
1165	20			blue	¾" (appx. 19 mm)	20 m	15 bar
1166	40			blue	¾" (appx. 19 mm)	40 m	15 bar



Plastic flexible hose for extractor hoods

Pull-off hose for tumble dryers, suitable for ventilation, absolutely corrosion and rotting resistant, - highly flexible, flame retardant.
► suitable for temperature range from -5° C to +80° C.
► compressible up to 5% of the total length.

Article no.	PU	PU	PU	Colour	Size:	Length:
1056	6	120		white	DN 102	6 m
1058	6	120		grey	DN 102	6 m
1086	6	120		white	DN 127	6 m
1088	6	120		grey	DN 127	6 m



Aluminum flexible hose for extractor hoods

Made of composite foil (aluminum / polyester), wound hose with steel wire spiral.
► temperature resistant from -20° C to +110° C,
► very flexible
► compressible, for air and climatic engineering.

Article no.	PU	PU	PU	Colour	Size:	Length:
1061	10	50		silver	DN 102	10 m
1068	10	50		silver	DN 127	10 m

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Power-Clamps W1

For normal use in industry and agriculture. Strong hose clamp for reliable sealing of coarse hoses. Extra strong clamps for attaching heavy and outer smooth hoses for a strong and secure connection. Easily and quickly mountable, reusable (screw-on).

Pros: very robust, extremely high binding-traction and a wide supporting surface protects the hose.

Material: Steel, bright galvanized W1

Article no.	PU	PU	PU	Colour	Clamping range (A):	Tape thickness / width:	Screw:
6810	10			galvanized steel	17-19 mm	0,6 x 18 mm	M5 x 40
6811	10			galvanized steel	20-22 mm	0,6 x 18 mm	M5 x 40
6812	10			galvanized steel	23-25 mm	0,6 x 18 mm	M5 x 40
6813	10			galvanized steel	26-28 mm	0,6 x 18 mm	M5 x 40
6814	10			galvanized steel	29-31 mm	0,8 x 20 mm	M6 x 50
6815	10			galvanized steel	32-35 mm	0,8 x 20 mm	M6 x 50
6816	10			galvanized steel	36-39 mm	0,8 x 20 mm	M6 x 50
6817	10			galvanized steel	40-43 mm	0,8 x 20 mm	M6 x 50
6818	5			galvanized steel	44-47 mm	1,2 x 22 mm	M6 x 55
6819	5			galvanized steel	48-51 mm	1,2 x 22 mm	M6 x 55
6820	5			galvanized steel	52-55 mm	1,2 x 22 mm	M6 x 55
6821	5			galvanized steel	56-59 mm	1,2 x 22 mm	M6 x 55
6822	5			galvanized steel	60-63 mm	1,2 x 22 mm	M6 x 55
6823	5			galvanized steel	64-67 mm	1,5 x 22 mm	M8 x 70
6824	5			galvanized steel	68-73 mm	1,5 x 24 mm	M8 x 70
6825	5			galvanized steel	74-79 mm	1,5 x 24 mm	M8 x 70
6826	3			galvanized steel	80-85 mm	1,5 x 24 mm	M8 x 70
6827	3			galvanized steel	86-91 mm	1,5 x 24 mm	M8 x 70
6828	3			galvanized steel	92-97 mm	1,5 x 24 mm	M8 x 70
6829	3			galvanized steel	98-103 mm	1,5 x 24 mm	M8 x 70

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Power-Clamps W5 / (V4A)

For extreme requirements of durability and safety, e.g. Chemical, oil and aerospace industries. Strong hose clamp for reliable sealing of coarse hoses. Extra strong clamps for attaching heavy and outer smooth hoses for a strong and secure connection. Easily and quickly mountable, reusable (screw-on).

Pros: very robust, extremely high binding-traction and a wide supporting surface protects the hose.

Material: stainless steel W5

Article no.	PU	PU	PU	Colour	Clamping range (A):	Tape thickness / width:	Screw:
6840	5			stainless steel	17-19 mm	0,6 x 18 mm	M5 x 40
6841	5			stainless steel	20-22 mm	0,6 x 18 mm	M5 x 40
6842	5			stainless steel	23-25 mm	0,6 x 18 mm	M5 x 40
6843	5			stainless steel	26-28 mm	0,6 x 18 mm	M5 x 40
6844	5			stainless steel	29-31 mm	0,6 x 20 mm	M6 x 50
6845	5			stainless steel	32-35 mm	0,6 x 20 mm	M6 x 50
6846	5			stainless steel	36-39 mm	0,6 x 20 mm	M6 x 50
6847	5			stainless steel	40-43 mm	0,6 x 20 mm	M6 x 50
6848	5			stainless steel	44-47 mm	0,8 x 22 mm	M6 x 50
6849	5			stainless steel	48-51 mm	0,8 x 22 mm	M6 x 55
6850	5			stainless steel	52-55 mm	0,8 x 22 mm	M6 x 55
6851	5			stainless steel	56-59 mm	0,8 x 22 mm	M6 x 55
6852	3			stainless steel	60-63 mm	0,8 x 22 mm	M6 x 55
6853	3			stainless steel	64-67 mm	0,8 x 22 mm	M8 x 70
6854	3			stainless steel	68-73 mm	0,8 x 24 mm	M8 x 70
6855	3			stainless steel	74-79 mm	0,8 x 24 mm	M8 x 70
6856	3			stainless steel	80-85 mm	0,8 x 24 mm	M8 x 70
6857	3			stainless steel	86-91 mm	0,8 x 24 mm	M8 x 70
6858	3			stainless steel	92-97 mm	0,8 x 24 mm	M8 x 70
6859	3			stainless steel	98-103 mm	0,8 x 24 mm	M8 x 70

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!





Hose Clamps, galvanized steel W1

The hose clamp for difficult-to-reach areas and high technical requirements. Wide worm, tape not punched through and laser welded housing. With cross recessed hexagon socket screw, SW 7. According to DIN 3017-1



Article no.	PU	PU	PU	Colour	Clamping range:	Band width:	Compatible for hose-Ø:
2120	100			galvanized steel	10-16 mm	9 mm	¼" + ⅜"
2122	100	1000		galvanized steel	12-22 mm	9 mm	½"
2123	100	1000		galvanized steel	16-27 mm	9 mm	
2125	100	600		galvanized steel	20-32 mm	9 mm	¾"
2127	50	300		galvanized steel	25-40 mm	12 mm	1"
2128	50	300		galvanized steel	32-50 mm	12 mm	1¼"
2130	25	300		galvanized steel	40-60 mm	12 mm	1½"
2131	25	300		galvanized steel	50-70 mm	12 mm	2"
2132	25	300		galvanized steel	60-80 mm	12 mm	
2133	25	100		galvanized steel	70-90 mm	12 mm	
2134	25	100		galvanized steel	80-100 mm	12 mm	
2129	25	100		galvanized steel	90-110 mm	12 mm	
2121	25	100		galvanized steel	120 - 140 mm	9 mm	
2126	100	300		galvanized steel	140 - 160 mm	9 mm	
2148	50	300		galvanized steel	25 - 40 mm	9 mm	
2149	25	100		galvanized steel	90 - 110 mm	9 mm	
2150	25	100		galvanized steel	190 - 210 mm	9 mm	





Hose Clamps, galvanized steel W1

The hose clamp for difficult-to-reach areas and high technical requirements. Wide worm, tape not punched through and laser welded housing. With cross recessed hexagon socket screw, SW 7. According to DIN 3017-1



Article no.	PU	PU	PU	Colour	Clamping range:	Band width:
2135	25	100		galvanized steel	100-120 mm	12 mm
2136	25	100		galvanized steel	110-130 mm	12 mm
2137	25	100		galvanized steel	120-140 mm	12 mm
2138	25	100		galvanized steel	140-160 mm	12 mm
2142	25	100		galvanized steel	130-150 mm	12 mm
2143	25	100			150-170 mm	12 mm
2139	25	100		galvanized steel	160-180 mm	12 mm
2144	25	100		galvanized steel	170-190 mm	12 mm
2140	25	75		galvanized steel	180-200 mm	12 mm
2141	25	75		galvanized steel	190-210 mm	12 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Hose Clamps, stainless steel W5 (V4A)

The hose clamp for difficult-to-reach areas and high technical requirements. Wide worm, tape not punched through and laser welded housing. With cross recessed hexagon socket screw, SW 7. According to DIN 3017-1

Article no.	PU	PU	PU	Colour	Clamping range:	Band width:
2520	100	1000		stainless steel	10 - 16 mm	9 mm
2522	100	1000		stainless steel	12 - 22 mm	9 mm
2523	100	1000		stainless steel	16 - 27 mm	9 mm
2525	100	600		stainless steel	20 - 32 mm	9 mm
2528	50	300		stainless steel	32 - 50 mm	12 mm
2530	25	300		stainless steel	40 - 60 mm	12 mm
2531	25	300		stainless steel	50 - 70 mm	12 mm
2532	25	300		stainless steel	60 - 80 mm	12 mm
2533	25	100		stainless steel	70 - 90 mm	12 mm
2534	25	100		stainless steel	80 - 100 mm	12 mm
2529	25	100		stainless steel	90 - 110 mm	12 mm
2535	25	100		stainless steel	100 - 120 mm	12 mm
2536	25	100		stainless steel	110 - 130 mm	12 mm
2537	25	100		stainless steel	120 - 140 mm	12 mm
2542	25	100		stainless steel	130 - 150 mm	12 mm
2538	25	100		stainless steel	140 - 160 mm	12 mm
2543	25	100		stainless steel	150 - 170 mm	12 mm
2539	25	100		stainless steel	160 - 180 mm	12 mm
2544	25	100		stainless steel	170 - 190 mm	12 mm
2540	25	50		stainless steel	180 - 200 mm	12 mm
2541	25	50		stainless steel	190 - 210 mm	12 mm
2527	50	300		stainless steel	25 - 40 mm	12 mm

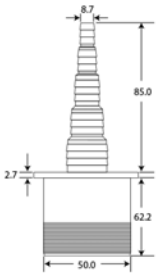


Endless-Hose-Clamp with locks, stainless steel W2

Endless hose clamps available in different constructions.
► can be assembled in any length
► with locks
► in stainless steel W2

Article no.	PU	PU	PU	Colour	Construction:	Bandwidth:
2564	1	5		stainless steel	1 m long with 3 locks	12,7 mm
2565	1	5		stainless steel	3 m long with 8 locks	12,7 mm
2566	10	50		stainless steel	locks for hose clamps	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA hose connector straight for hoses from 8.2 - 26.5 mm

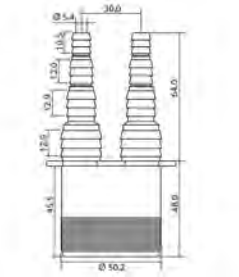
NEW



The impact resistant polypropylene (=100% recycled material) impresses with its very high material strength, abrasion resistance, its low weight and offers an optimal connection due to the ribs connection. The hose connection saves approx. 29 grams of CO2 and 0.73 kWh of primary energy. By shortening the hose connector, the connector is suitable for metric and imperial hose dimensions from 8.2 to 26.5 mm. The existing louvers make it difficult for the connector to slip out. Good chemical resistance.

► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time
► Maximum overpressure: 0.5 bar
► Suitable for hoses with inner diameter 8.2-26.5 mm

Article no.	PU	PU	PU	Colour	Suitable for:
5104	5	50	2800	grey	DN 32
5106	5	50	2800	grey	DN 50
5105	5	50	2800	grey	DN 40



OHA double hose connector straight for hoses 8.3-20.5 mm

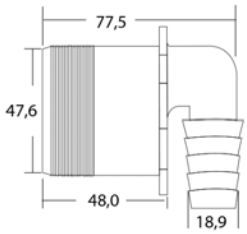
NEW



The impact resistant polypropylene (=100% recycled material) impresses with its very high material strength, abrasion resistance, its low weight and offers an optimal connection due to the ribs connection. The hose connection saves approx. 55 grams of CO2 and 1.37 kWh of primary energy. By shortening the hose connector, the connector is suitable for metric and imperial hose dimensions from 8.3 to 20.5 mm. The existing grids make it difficult for the connector to slip out. Good chemical resistance.

► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time
► Maximum overpressure: 0.5 bar
► Suitable for hoses with inner diameter 8.3-20.5 mm

Article no.	PU	PU	PU	Colour	Suitable for:
5103	5	50	2800	grey	DN 50



Hose connection 90 ° for hoses 18-23 mm

NEW



The impact-resistant polypropylene (= 100 % recycled material) impresses with its very high material strength, abrasion resistance, its low own weight and offers an optimum connection due to the ribs present connection. The hose connection saves approx. 24 grams of CO2 and approx. 0.61 kWh of primary energy. By the connector is suitable for metric and imperial hose diameters from 18 to 23 mm. The existing grid makes it difficult for the connector to slip out. difficult. Good chemical resistance.

► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for short periods.
► Maximum overpressure: 0.5 bar
► Hose connection 90° angled
► fit for hoses 18-23 mm

Article no.	PU	PU	PU	Colour	suitable for:
5089	5	50	2800	grey	DN 32
5092	5	50	2800	grey	DN 40
5107	5	50	2800	grey	DN 50

OHA condensate connection set DN 50 with hose 80 cm and hose clamps

NEW



The connections are made of impact-resistant polypropylene (=100% recycled material) and are characterized by very high material strength, abrasion resistance, good chemical resistance and a low weight. The connections save approximately 61.8 grams of CO2 and 1.55 kWh of primary energy.

► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time
► Maximum overpressure: 0.5 bar

Article no.	PU	PU	PU	Colour	Compatible for:
5117	1	5	15	grey	DN 50

Item No.	Pcs.	Description:
5106	1	OHA hose connector straight DN 50 for hoses from 8.2-26.5 mm
5107	1	OHA hose connector 90 °, DN 50 for hoses from 18-23 mm
1459	1	Plastic high-pressure hose with fabric insert, 80 cm long
2125	2	Hose clamps according to DIN 3017-1, 20-32 mm, 9 mm wide

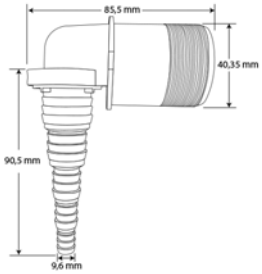
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

OHA hose connector 90° for hoses 8.5-26.6 mm



The impact-resistant polypropylene impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs. By By shortening the hose socket, the connector is suitable for metric and imperial hose dimensions from 8.5 to 26.6 mm. The existing grids make it difficult for the connector to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time.
► Maximum overpressure: 0.5 bar
► Suitable for hoses from 8.5-26.6 mm



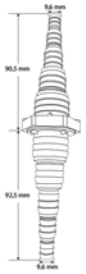
Article no.	PU	PU	PU	Colour	Suitable for:
5111	5	50	2800	grey	DN 40

NEW

OHA double hose connector straight for hoses 8.4-26.5 mm



By shortening the hose socket, the connector is suitable for metric and imperial hose dimensions from 8.4 to 26.5 mm. The impact-resistant polypropylene impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs optimal connection. Good chemical resistance.
► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time.
► Maximum overpressure: 0.5 bar
► Suitable for hoses from 8.4-26.5 mm



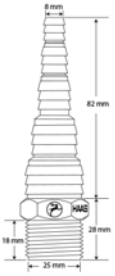
Article no.	PU	PU	PU	Colour	
5115	5	50	2800	grey	

NEW

OHA pump connection straight with screw thread ¾" for hoses from 8.3-26.5 mm



OHA pump connector straight with screw thread ¾" for connections to suction & pressure pumps. By shortening the hose nozzle, the connector is suitable for metric and imperial hose dimensions from 8.3 to 26.5 mm. The impact-resistant ABS impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs. The existing louvers make it difficult for the connection to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time.
► Maximum overpressure: 0.8 bar
► for hoses from 8.3-26.5 mm



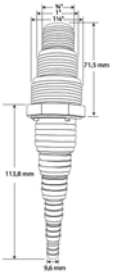
Article no.	PU	PU	PU	Colour	Suitable for:
5124	5	50	2800	black	DN 32

NEW

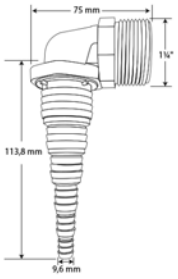
OHA pump connection straight with screw thread ¾", 1" and 1¼" for hoses from 8.3-33.5 mm



OHA pump connector straight with screw thread ¾", 1" & 1¼" for connections to suction & pressure pumps. By shortening the hose nozzle, the connector is suitable for metric and imperial hose dimensions from 8.3 to 33.5 mm. The impact resistant ABS impresses with its very light material and strength, abrasion resistance, its low own weight and offers by the existing ribs an optimal connection. The existing louvers make it difficult for the connection to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time
► Maximum overpressure: 0.8 bar
► for hoses from 8.3-33.5 mm, PN2 60°C



Article no.	PU	PU	PU	Colour	
5125	5	50	2800	black	



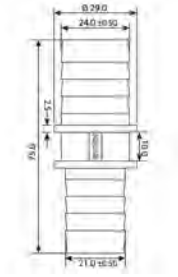
OHA pump connection 90° with screw thread 1¼" for hoses from 8.3-33.5 mm

NEW

OHA pump connector 90° with screw thread1¼" for connections to suction and pressure pumps. By shortening the hose nozzle, the connector is suitable for metric and imperial hose dimensions from 8.3 to 33.5 mm. The impact-resistant ABS impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs. The existing louvers make it difficult for the connection to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C and temperature resistance up to 90° C for a short time.
► Maximum overpressure: 0.8 bar
► for hoses from 8.3-33.5 mm, PN2 60°C



Article no.	PU	PU	PU	Colour	
5123	5	50		black	



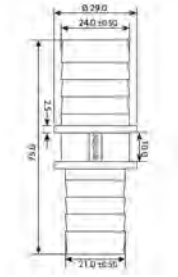
Hose connector tube straight ¾" Ø 21 x 24 mm, grey

NEW

The impact-resistant polypropylene (=100% recycled material) impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs. The hose connection saves approx. 19 grams of CO2 and 0.48 kWh of primary energy. For connecting hoses with an inner diameter of 21 and 24 mm, e.g. appliance discharge hoses. The existing louvers make it difficult for the connection to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C, temperature resistance up to 90° C for short periods.
► Insertion depth: 30 mm



Article no.	PU	PU	PU	Colour	o-Ø in mm:	Length in mm:
2304	10	200		grey	21 and 24 mm	75 mm



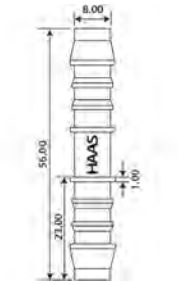
Hose connection tube straight ¾" plastic Ø 21 x 24 mm, black

NEW

The impact-resistant polyamide (=100% recycled material) impresses with very high material strength, abrasion resistance, its low own weight and offers an optimal connection due to the existing ribs. The hose connection saves approx. 19 grams of CO2 and 0.48 kWh of primary energy. For connecting hoses with an inner diameter of 21 and 24 mm, e.g. appliance discharge hoses. The existing louvers make it difficult for the connection to slip out. Good chemical resistance.
► Temperature range from 0° C to +90° C, temperature resistance up to 90° C for short periods.
► Insertion depth: 30 mm



Article no.	PU	PU	PU	Colour	o-Ø in mm:	Length in mm:
2041	10	100		black	21 and 24 mm	75 mm



Double-Grommet made of plastic for condensate, 8 mm

► double grommet made of plastic
► for condensate connection 8 mm



Article no.	PU	PU	PU	Colour	Outer-Ø in mm:	Lenght in mm:
2297	10	100		natural	8 mm	56 mm

Tap adapter set for water taps, M22 x ¾" and M24 x ¾"

NEW

Tap adapter set for water taps, M22 x ¾" and M24 x ¾" with two hose clamps. Can be connected to sink or bath taps.



Article no.	PU	PU	PU	Colour	
3314	1	10		black	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

Tap adapter set for water taps, M22 x ¾" and M24 x ¾" and Pearl jet regulator wrench



Tap adapter set for water taps, M22 x 3/4" and M24 x Tap adapter set for water taps with Pearl jet regulator wrench and two hose clamps. Can be connected to sink or bath taps.

Article no.	PU	PU	PU	Colour	
3318	1	10		black	

NEW

Tap adapter for water taps, M22 x ¾"



Tap adapter for water taps, M22 x ¾" with a hose clamp. Can be connected to sink or bath taps.

Article no.	PU	PU	PU	Colour	
3437	1	10		black	

NEW

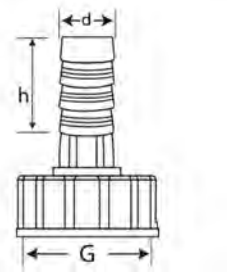
Tap adapter for water taps, M24 x ¾"



Tap adapter for water taps, M24 x ¾" with a hose clamp. Can be connected to sink or bathtub faucets.

Article no.	PU	PU	PU	Colour	
3438	1	10		black	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

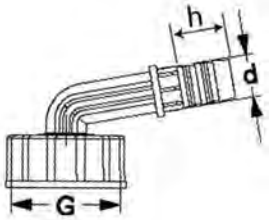


Plastic-Hose-End-Fitting, PA / GF30, with seal, black

► made of robust, impact-resistant plastic
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	G:	d:	Height in mm:
2215	5			black	¾"	3/8" / 10 mm	24 mm
2216	5			black	¾"	1/2" / 13 mm	30 mm



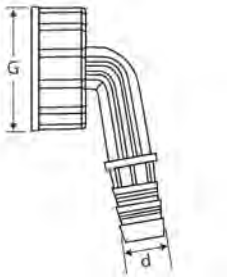


Plastic-Angle-Fitting 90°, PA / GF30, with seal, black

► made of robust, impact-resistant plastic
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	G:	d:	Height in mm:
2217	5			black	¾"	3/8" / 10 mm	19 mm
2218	5			black	¾"	1/2" / 13 mm	24 mm



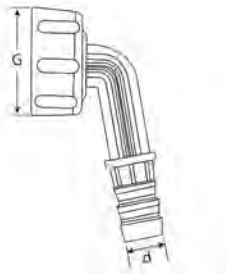


Hose nozzle with angle 90° with condensate connection

Made of impact-resistant polypropylene, complete with nut & gasket.
► according to DIN

Article no.	PU	PU	PU	Colour	d:	Height in mm:	Thread:
2939	5			white	⅜" / 10 mm	51 mm	1"
2942	5	25		white	½" / 12 mm	63 mm	1"
2943	5	25		white	¾" / 19 mm	60 mm	1"





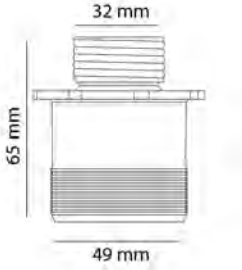
Angle fitting 90° made of plastic

► suitable for the connection of washing machine drain hoses
► with spout and coupling nut
► with seal, flat sealing

according to DIN EN 274

Article no.	PU	PU	PU	Colour	d:	G:
2246	10	100		white	½" (appx. 13 mm)	1"





OHA-Pipe-Coupling-Nipple DN 50 x 1", white DIN 4102-B2

► OHA-Pipe-Coupling-Nipple DN 50 x 1"
► white

Article no.	PU	PU	PU	Colour	Fire behavior:
5018	2	20		white	nach DIN 4102-B2



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Hose fittings, father part, brass polished

1-piece, flat-sealing, with external thread.

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Nozzle:	Thread:
2207	25			brass	¾"	¾"
2223	1			brass	½"	¾"
2224	1			brass	¾"	1"





Hose fittings, brass polished

Consists of spout, union nut and father part, flat sealing, with seal.

* Note: The rubber seals are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Nozzle:	Thread:
2225	1			brass	½"	¾"
2226	1			brass	¾"	1"





Angle fitting 90°, brass polished

Consisting of spout and union nut, flat sealing, with seal.

* Note: The rubber seals are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Nozzle:	Thread:
2249	1			brass	½"	¾"
2247	1				⅜"	¾"





Quick coupling with internal thread, brass polished

With a uniform cam width of 40 mm.

* Note: The rubber seals are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:
2266	1			brass	¾"
2267	1			brass	1"
2268	1			brass	1¼"
2228	1			brass	½"





Quick coupling with external thread, brass polished

With a uniform cam width of 40 mm.

* Note: The rubber seals are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:
2263	1				½"
2264	1			brass	¾"
2265	1			brass	1"
2201	1			brass	1¼"



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Quick release blind coupling, brass polished

With a uniform cam width of 40 mm.

* Note: The rubber seals are suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	
2202	1			brass	



Quick coupling hose, polished brass

With a uniform cam width of 40 mm.

* Note: The rubber seals are suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	passecompatible for hose size:
2260	1			brass	½"
2261	1			brass	¾"
2262	1			brass	1"
2259	1			brass	1¼"



Hose fittings, brass polished, ½ "x ¾"

► consisting of spout and coupling nut
► flat sealing
► with seal

* Note: The rubber seals are suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Nozzle:	Thread:
2220	1	25		brass	½"	¾"
2240	1	25		brass	½"	1"
2241	1	25		brass	¾"	¾"
2221	1	25		brass	¾"	1"



Couplings assortment 1 "

Content:
► 2 quick coupling hose pieces
► 2 hose clamps
► 2 rubber replacement seals

* Note: The rubber seals are suitable for industrial use, but not tested for drinking water contact or approved!



Article no.	PU	PU	PU	Colour	Size:
2329	1				1"



Rubber-Spare-Seal for quick coupling

Fits most commercial quick couplers.

* Note: The rubber seals are suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2269	25	100		black	22 mm	37 mm	12 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber-Spare-Seal for brass quick coupling "W 270" & "UBA"

For drinking water according to DVGW, "W 270" and "UBA"
Fits most commercial quick couplers.



Article no.	PU	PU	PU	Colour	Description:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
5091	25	100		black	"W 270"	25 mm	36 mm	12 mm
2791	5	25		red	with KTW-approval	25 mm	36 mm	12 mm



Spray nozzle with quick coupling, polished brass

Rotatable nozzle head, adjustable and infinitely adjustable, with a uniform cam width of 40 mm.

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Compatible for hose size:
2256	1	10			½"
2258	1	10			¾"



Connection tube, brass pressed

Light execution

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Compatible for hose size:
2271	5	125		brass	½"
2272	1	25		brass	¾"



Connecting tube, brass (solid)

Heavy execution

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!



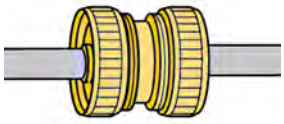
Article no.	PU	PU	PU	Colour	Compatible for hose size:	Insertion height in mm:
2276	1	25		brass	½"	
2277	1	25		brass	¾"	



Hose connector, brass

Quick connect fittings for water hoses. The plug-in system is significantly more durable and weather-resistant than the plastic version.

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Description:
2278	1	10			Brass hose connector for ½" hose 12/15 mm in diameter to hose wall 3 mm
2279	1	10			Brass hose connector for ¾" hose 16/19 mm i.-Ø up to hose wall thickness 3 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Universal Connector, Brass

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Compatible for:
2296	1	10			½" & ¾" hoses





Faucet fitting connection with internal thread, brass

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:
2291	1	10		brass	¾"





Faucet fitting connection with external thread, brass

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:
2289	1	10			½"





Hose fittings, brass

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Description:
2283	1	10		brass	for ½" hose 12/15 mm i.-Ø up to hose wall thickness 3 mm
2284	1	10			for ¾" hose 16/19 mm i.-Ø up to hose wall thickness 3 mm
2295	1	10			for ¾" hose 16/19 mm i.-Ø up to hose wall thickness 3 mm with water stop





Replacement clamps made of plastic

Suitable for hose connector and hose connector.

Article no.	PU	PU	PU	Colour	Size:
2298	10			light	½"
2299	10			light	¾"



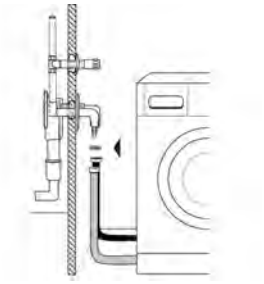


Rubber Seal for washing machine fittings

Suitable for washing machine-plastic fittings.

* Note: The rubber seals are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
8120	100			black	½"	12 mm	23 mm	3 mm
8121	100			black	½"	12 mm	23 mm	2 mm



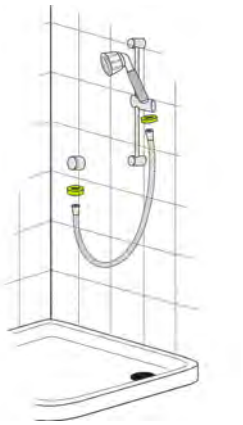


Rubber Seals for shower hose

Material: rubber EPDM, resistant to aging and weathering acc. To DIN EN 681-1

* Note: The rubber seals are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2319	100			black	½"	12 mm	19 mm	2 mm





Rubber Seal for hose fittings

► self-adhesive on one side

* Note: The rubber seals are suitable for industrial use, but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Size:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:	Construction:
8150	100			black	½"	15 mm	23,5 mm	3 mm	one-sided self-adhering
8151	100			black	¾"	21 mm	30 mm	3 mm	one-sided self-adhering





Rubber perforated tape for submersible pumps

Perforated rubber band 7.5 m long, 30 mm wide and 3 mm thick with 16 solid plastic buttons in yellow. For immersion or well pumps, to hold the cable to the pipe. A further perforated strip is placed in each case at a distance of approx. 1 meter.

► packed in a polybag

Material: EPDM, aging and weathering resistant to DIN EN 681-1

Article no.	PU	PU	PU	Colour	Description:
6123	1			black	Complete with 16 buttons
6124	100			yellow	Replacement buttons for perforated tape

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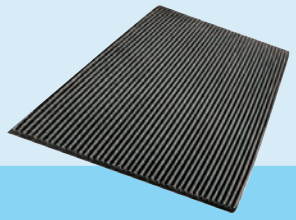
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Chapter 17

Sealing Profiles and Disks





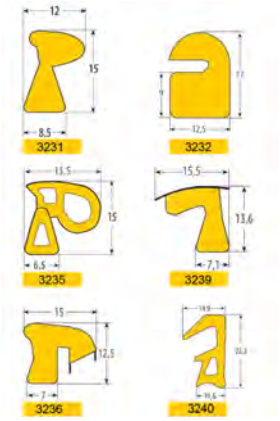
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Rubber profiles for steel frames, loosely wound in the flange

Suitable for indoor use.

► in rolls of 30 m, loosely wound

Article no.	PU	PU	PU	Colour	Profile-no:	Material:
3231	30			light	G 084	EPDM
3232	30			light	G 096	EPDM
3235	30			light	G 105	EPDM
3236	30			light	G 110	EPDM
3239	30			light	G 506	EPDM
3240	30			light	G 583	EPDM
3436	30			grey	G 110	SBR
3439	30			grey	G 506	SBR



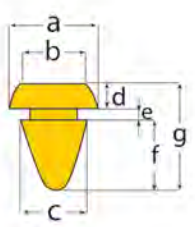


Foam rubber frame profile

► in very soft, supple and cellular rubber quality
► in the waistband 50 m, loosely wrapped.

Article no.	PU	PU	PU	Colour	Quality:
4306	50			light grey	Natural rubber





Plastic frame buffer

For covering holes on steel door frames.

Version 1:
a: 12,5 mm, b: 5,5 mm, c: 8,5 mm, d: 4,0 mm, e: 1,8 mm, f: 7,0 mm, g: 12,8 mm

Version 2:
a: 12,5 mm, b: 5,5 mm, c: 8,5 mm, d: 2,0 mm, e: 1,8 mm, f: 7,0 mm, g: 10,8 mm

Article no.	PU	PU	PU	Colour	Construction:
6131	100			beige	Version 1, half round
6132	100			beige	Version 2, flat



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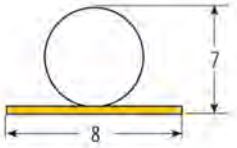


Rubber window sealing profiles, self-adhesive

For doors and windows, resistant to aging and weathering, shape-stable, seals up to 6 mm, saves heating energy, noise-reducing.

► easy assembly, adheres to paints, metals, plastics.

Packed in an attractive sales carton with instructions for use and Euro suspension hole.



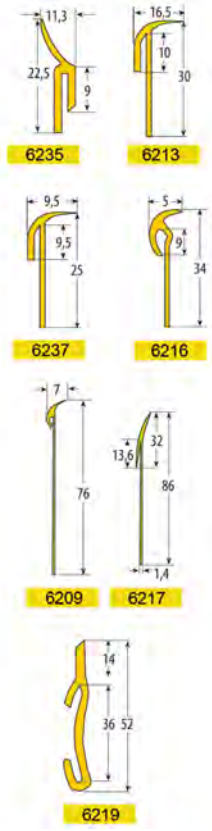
Article no.	PU	PU	PU	Colour	Rolllength:
4380	1	10		white	12 m
4381	1			brown	12 m



Sink profiles made of plastic

Sealing profile for sealing sink against the wall. In stable carton packaging with a circulating scale of 0 - 120 cm to cut the profile. The cartons have a slot on the front for easy and accurate removal.

Article no.	PU	PU	PU	Colour	Carton:
6235	40			grey	2 Rolls each 20 m
6216	40			grey	2 Rolls each 20 m
6213	50			grey	2 Rolls each 25 m
6237	50			grey	2 Rolls each 25 m
6209	25			grey	1 Roll each 25 m
6217	25			grey	1 Roll each 25 m
6219	25			grey	1 Roll each 25 m



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

OHA-Press High pressure sealing plates "W 270" & "UBA"



Universal flat sealing plate, suitable for drinking water and gas seals.

Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Thickness in mm:	Format in mm:
8087	1			yellow	1,8 mm	300 x 300 mm
8088	1			yellow	1,8 mm	500 x 500 mm
8089	1			yellow	1,0 mm	500 x 500 mm
8090	1			yellow	1,5 mm	500 x 500 mm
8092	1			yellow	3,0 mm	500 x 500 mm
8093	1			yellow	4,0 mm	500 x 500 mm
8094	1			yellow	5,0 mm	500 x 500 mm

OHA-Special seal plates



► high temperature resistant - see chapter 17.17 / diagrams
► enormous adaptability, very high compressive strength
► safe handling thanks to high flexibility

Larger dimensions on request!

Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Thickness in mm:	Format in mm:
7661	5			yellow/black	2,0 mm	500 x 500 mm

Heat protection board



Provided on both sides with nickel-plated frame. Laminated aluminum foil, which is characterized by higher light reflection and heat radiation. Well suited as heat insulation and as protection during welding work.

► temperature resistance: up to approx. +750° C
► thickness: 3 mm
► packed in a sturdy cardboard box.

Article no.	PU	PU	PU	Colour	Format in mm:	Usage:
5509	5			alu/light	400 x 1000 mm	For oven corners
5510	5			alu/light	500 x 800 mm	Between fridge and stove
5535	5			alu/light	570 x 840 mm	Between electric stove and refrigerator for fitted kitchens with 85 cm worktops

OHA-Insulation plate

Well suited as heat insulation and as protection during welding work.

► temperature resistance: up to approx. +750° C

Article no.	PU	PU	PU	Colour	Thickness in mm	Format in mm:
5583	32			light	3 mm	1000 x 1000 mm
5584	25			light	4 mm	1000 x 1000 mm
5585	20			light	5 mm	1000 x 1000 mm
5586	16			light	6 mm	1000 x 1000 mm
5588	12			light	8 mm	1000 x 1000 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rubber plates KTW/W270 for drinking water, format: 500 x 500 mm "W 270" & "UBA"

"The" sealing quality for use in contact with drinking water!!! Tested and approved for use with drinking water according to the UBA Elastomer Guidelines and "W 270". In addition, our seal quality meets the requirements of BS 6920-1: 2000 (WRAS).

► smooth on both sides

Article no.	PU	PU	PU	Colour	Thickness in mm
7198	1			black	2 mm
7199	1			black	3 mm



Rubber sealing plates with fabric inserts

Suitable for applications without high requirements, in SBR standard quality and one-sided fine-screened, other side smooth.

► hardness: 70 ± 10° Shore A
► temperature resistance: from approx. -20° C to 70° C
► in rolls of approx. 10 m length and approx. 1.20 m width.

Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Thickness in mm:	Construction:
7161	12			black	1,5 mm	1 Inlay
7162	12			black	2,0 mm	1 Inlay
7163	12			black	3,0 mm	1 Inlay
7164	12			black	4,0 mm	1 Inlay
7173	12			black	5,0 mm	2 Inlays



Rubber plates in SBR quality, format: 500 x 500 mm

In SBR standard quality, suitable for applications without high demands.

► hardness: 70 ± 10° Shore A
► temperature resistance: from -20° C to +70° C

Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Thickness in mm:	Construction:
7116	1			black	2 mm	1 Inlay
7117	1			black	3 mm	1 Inlay
7126	1			black	8 mm	Without Inlay
7127	1			black	10 mm	Without Inlay
7118	1			black	4 mm	1 Inlay



Rubber plates in EPDM (APTK) quality, format: 500 x 500 mm

Resistant to aging and weathering.

► smooth on both sides
► hardness: approx. 70 ± 5° Shore A
► temperature resistance: from -30° C to +100° C

Material: EPDM, aging and weathering resistant, according to DIN EN 681-1

Note: for detailed technical information, see chapter 21

Article no.	PU	PU	PU	Colour	Thickness in mm:
7101	1			black	2 mm
7102	1			black	3 mm
7103	1			black	4 mm

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Fine rief rubber mat



► top fine riefed
► lower side fabric-patterned as anti-slip.
► 3 mm thick
► rolllength: 10 meters

Article no.	PU	PU	PU	Colour	Format in m:	Construction:
7205	1	10		black	1,0 x 10 m	Without Inlay
7208	1	12		black	1,2 x 10 m	Without Inlay
7222	1	10		black	1,0 x 10 m	1 Inlay

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Chapter 18
Door Bumpers as well as Accessories





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Chapter 18

Door Bumpers Page 01 to Page 03

Door bumper red

► made of solid, elastic rubber, inclination 1°
► shore hardness: SBR 70 ± 5 Shore



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:	Countersinking in mm:
3395	50			red	7 mm	30 mm	25 mm	5 mm
3372	50			red	6 mm	30 mm	32 mm	20 mm
3399	50			red	7 mm	30 mm	34 mm	5 mm
3359	50			red	6 mm	40 mm	25 mm	15 mm
3363	50			red	6 mm	40 mm	31 mm	21 mm
3403	50			red	7 mm	40 mm	35 mm	8 mm
3367	50			red	6 mm	40 mm	46 mm	31 mm
3407	50			red	7 mm	40 mm	50 mm	8 mm

Door bumper black

► made of solid, elastic rubber, inclination 1°
► shore hardness: SBR 70 ± 5 Shore



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:	Countersinking in mm:
3350	50			black	5 mm	26 mm	29 mm	5 mm
3354	50			black	6 mm	28 mm	25 mm	14 mm
3394	50			black	7 mm	30 mm	25 mm	5 mm
3371	50			black	6 mm	30 mm	32 mm	20 mm
3398	50			black	7 mm	30 mm	34 mm	5 mm
3358	50			black	6 mm	40 mm	25 mm	15 mm
3390	50			black	7 mm	40 mm	25 mm	8 mm
3362	50			black	6 mm	40 mm	31 mm	21 mm
3402	50			black	7 mm	40 mm	35 mm	8 mm
3366	25			black	6 mm	40 mm	46 mm	31 mm
3406	25			black	7 mm	40 mm	50 mm	8 mm

Door bumper grey

► made of solid, elastic rubber, inclination 1°
► shore hardness: SBR 70 ± 5 Shore



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:	Countersinking in mm:
3356	50			grey	6 mm	28 mm	25 mm	14 mm
3396	50			grey	7 mm	30 mm	25 mm	5 mm
3373	50			grey	6 mm	30 mm	32 mm	20 mm
3400	50			grey	7 mm	30 mm	34 mm	5 mm
3360	50			grey	6 mm	40 mm	25 mm	15 mm
3392	50			grey	7 mm	40 mm	25 mm	8 mm
3364	50			grey	6 mm	40 mm	31 mm	21 mm
3404	50			grey	7 mm	40 mm	35 mm	8 mm
3368	25			grey	6 mm	40 mm	46 mm	31 mm
3408	25			grey	7 mm	40 mm	50 mm	8 mm

Door bumper light

► made of solid, elastic rubber, inclination 1°
► shore hardness: SBR 70 ± 5 Shore



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:	Countersinking in mm:
3353	50			light	5 mm	26 mm	29 mm	5 mm
3357	50			light	6 mm	28 mm	25 mm	14 mm
3374	50			light	6 mm	30 mm	32 mm	20 mm
3361	50			light	6 mm	40 mm	25 mm	15 mm
3365	50			light	6 mm	40 mm	31 mmn	21 mm
3369	25			light	6 mm	40 mm	46 mm	31 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Door bumper shoe

► the surface is powder-coated
► ideal for attaching door buffers
► in a beautiful, timeless design

Article no.	PU	PU	PU	Colour	Compatible for:
3330	5	25		silver	Door buffer Ø 26 - 30 mm
3331	5	25		silver	Door buffer Ø 40 mm



Wall door bumper

► made of flexible plastic
► self-adhesive

Article no.	PU	PU	PU	Colour	Dimensions in mm:
5264	50			white	40 mm
5268	50			white	50 mm
5261	50			beige	60 mm
5246	50			white	60 mm
5247	50			brown	60 mm
5243	50			transp.	60 mm
5239	50			black	60 mm



Wall door bumper, hemispherical

► made of flexible plastic, self-adhesive

Article no.	PU	PU	PU	Colour	Outer-Ø in mm:
5248	50			white	32 mm
5259	50			beige	32 mm
5260	50			brown	32 mm
5262	50			black	32 mm
5218	50			transp.	32 mm



Seat and apparatuses bumper

► made of thermoplastic elastomer
► temperature resistant up to max. +70° C
► Shore hardness: TPE 60 ± 5 Shore

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3305	100			black	5,0 mm	20 mm	10 mm
3306	100			red	5,0 mm	20 mm	10 mm
3307	100			grey	5,0 mm	20 mm	10 mm
3308	100			light	5,0 mm	20 mm	10 mm
3309	100			black	4,5 mm	25 mm	10 mm
3310	100			red	4,5 mm	25 mm	10 mm
3311	100			grey	4,5 mm	25 mm	10 mm
3312	100			light	4,5 mm	25 mm	10 mm



Plastic seat and apparatuses bumper

► made of clear, flexible plastic quality
► Shore hardness: 60 ± 5 Shore

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
3315	100			transp.	5 mm	20 mm	10 mm
3316	100			transp.	5 mm	25 mm	10 mm

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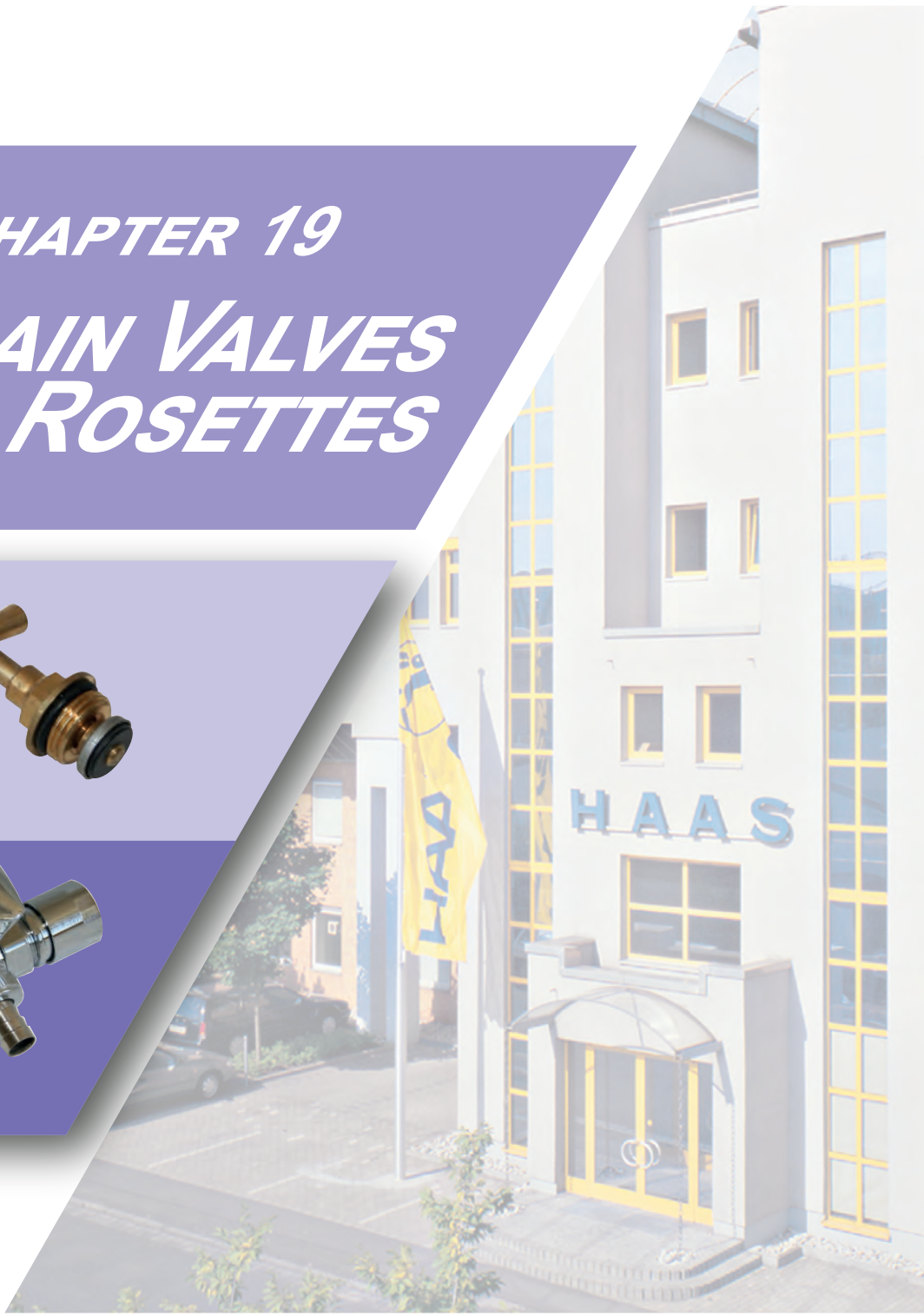
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Chapter 19
Drain Valves and Rosettes





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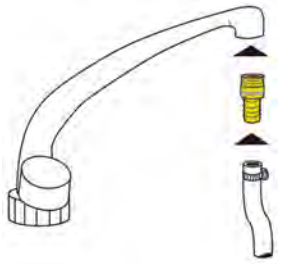


Water stop

Hose burst protection for ½" hose valve with ¾" thread for washing machine and Dishwasher connection. The function can be reduced or limited by limescale over time. For this reason, we recommend to clean the waterstop from time to time in vinegar or similar detergents, depending on the water hardness. Installation instructions in the packaging.



Article no.	PU	PU	PU	Colour	
2255	10			chrome	



Hose fittings, chromed

For the connection of water hoses to sanitary fittings, with adapter.



Article no.	PU	PU	PU	Colour	Construction:
2222	10			white/chrome	M22/M24



Sealing plug

► for pipes with internal threads
► made of brass

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Size:
6050	10	30		brass	1/2"
6051	10	30		brass	3/4"
6052	10	30		brass	3/8"



Closure caps

► for pipes with external thread
► made of brass

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Size:
6054	10	30		brass	3/4"

Sliding ring brass 3/8 "

► made of brass



Article no.	PU	PU	PU	Colour	i-Ø in mm:	o-Ø in mm:
2230	5			brass	10 mm	13 mm



Union nut 3/8"

► made of brass, chromed

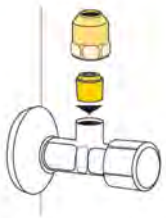
Article no.	PU	PU	PU	Colour	Compatible for:	Size:
2227	3			chrome		



Length compensation piece 3/8“

Cone compression

Article no.	PU	PU	PU	Colour	Compatible for:	Size:
2244	2			chrome	Copper pipes	10 mm
2245	2			chrome	Copper pipes	8 mm

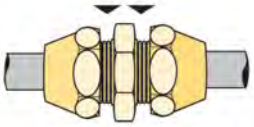




Double crush fitting ⅜ "

For connection of copper cables. The coupling nut crushes a rubber seal during tightening and seals the connection point.

Article no.	PU	PU	PU	Colour	Compatible for:	Size:
2237	5	25		chrome	Copper pipe	10 mm
2236	5	25		chrome	Copper pipe	8 mm



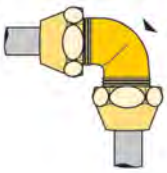


Elbow pinch fitting 3/8“

► Connection of copper cables

The union nut squeezes when tightening a rubber seal together and seals the junction.

Article no.	PU	PU	PU	Colour	Compatible for:	Size:
2235	1			chrome	Cooper pipes	10 mm



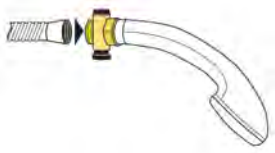


Shower-Stop "The water-saver"

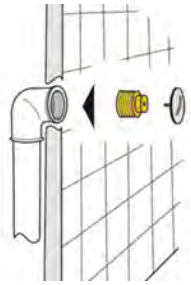
Shower water interrupter for shower mixer ½" male and female thread. The inflow of water is interrupted

by the push of a button (is the shower head is closed, always must water run out water for safety reasons). Easy installation between shower and hose.

Article no.	PU	PU	PU	Colour	Outer thread:	Inner thread:
2335	5			chrome	1/2"	1/2"



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Blind plugs (stoppers), made of brass

For covering blinded pipes, suitable for ½" cover plates.
► roughened thread
► with ornamental cap

* Note: The connector is suitable for industrial use, but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Construction:
6081	10	30		chrome	Blind plugs 3/8"
6082	10	30		chrome	Blind plugs 1/2"
6083	10	30		chrome	Blind plugs 3/4"



Strainer made of stainless steel

prevents the penetration of dirt in lawn sprinklers, washing machines and dishwashers.

► for cold water connection



Article no.	PU	PU	PU	Colour	Description:
2204	10	30		white	For insertion into hose fitting ½ "with ¾", union nut Seal: 18 x 23 mm



Reducing nipple, chromed

► suitable for shower faucets with ¾" AG
► with seal
► reduction from ¾" to ½"



Article no.	PU	PU	PU	Colour	
2313	10	30		chrome	



Folding rosette for radiators

The practical clip closure ensures easy assembly and reusability.

► made of polypropylene, reinforced with talcum



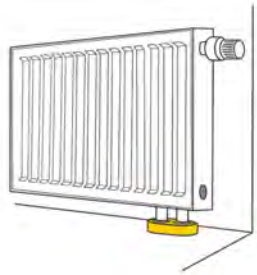
Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:
6609	10	50		white	10 mm	39 mm
6604	10	50		white	12 mm	37 mm
6605	100	500		white	15 mm	50 mm
6617	100	500		white	16 mm	52 mm
6606	100	500		white	18 mm	50 mm
6612	10	50		white	20 mm	62 mm
6607	50	250		white	22 mm	62 mm
6608	10	50		white	28 mm	62 mm
6613	10	50		white	35 mm	72 mm
6618	100	500		white	16 - 17 mm	52 mm
6623	10	50		white	14 mm	52 mm



Double rosette

The stepped tube feed-through bushings can easily be made with a pocket knife for the respective pipe diameter (10, 12, 15, 18 mm).

Total length: 84 mm
Total width: 34 mm
Distance between the holes: 50 mm



Article no.	PU	PU	PU	Colour	
6620	10	50		white	



Rosette for gas fittings

► made of brass, chromed

Article no.	PU	PU	PU	Colour	Inner-Ø in mm	Outer-Ø in mm:	Height in mm:
2087	1	10		chrome	3/8"	56 mm	10 mm
2086	1	10		chrome	1/2"	56 mm	10 mm



Double rosette

► hole distance: 45 mm
► made of brass, chromed

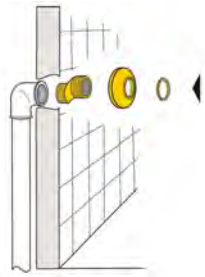


Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2088	10			chrome	1/2"	105 mm	26 mm



S-Connection with screw rosette and gasket

► S-Connection ½" x ¾"
► with chromed brass cover plate
► with seal



Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Höhe in mm:
2098	10			chrome	1/2"	70 mm	20 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Rosette for siphons

► made of brass, chromed

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2101	10			chrome	40 mm	78 mm	15 mm
2102	10			chrome	32 mm	80 mm	15 mm



Srew rosette

► brass, chromed

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2109	10			chrome	1/2"	50 mm	10 mm
2114	10			chrome	1/2"	62 mm	9 mm
2113	10			chrome	3/4"	57 mm	10 mm





Hinge rosette (Heating rosette)

► brass, chromed

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2107	10			chrome	12 mm	54 mm	10 mm
2104	10			chrome	14 mm	56 mm	10 mm
2110	10			chrome	21,5 mm	55 mm	10 mm
2106	10			chrome	28 mm	65 mm	10 mm
2108	10			chrome	33,5 mm	65 mm	10 mm



Rosette

► made of chrome nickel steel

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2115	10			chrome	1/2"	55 mm	10 mm



Hahn rosettes

► brass, chromed

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2096	10			chrome	3/8"	61 mm	10 mm
2097	10			chrome	3/8"	61 mm	15 mm
2735	10			chrome	3/8"	61 mm	20 mm
2736	10			chrome	3/8"	61 mm	25 mm
2737	10			chrome	3/8"	61 mm	30 mm
2738	10			chrome	3/8"	61 mm	35 mm
2740	10			chrome	3/8"	61 mm	50 mm



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Hahn rosettes

► brass, chromed

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2089	10			chrome	1/2"	57 mm	6,5 mm
2090	10			chrome	1/2"	61 mm	10 mm
2091	10			chrome	1/2"	61 mm	15 mm
2092	10			chrome	1/2"	60 mm	20 mm
2741	10			chrome	1/2"	61 mm	30 mm
2742	10			chrome	1/2"	61 mm	35 mm
2743	10			chrome	1/2"	61 mm	40 mm
2744	10			chrome	1/2"	61 mm	50 mm



Hahn rosettes

► brass, chromed

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2745	10			chrome	3/4"	67 mm	10 mm
2746	10			chrome	3/4"	67 mm	20 mm
2747	10			chrome	3/4"	67 mm	25 mm
2751	10			chrome	3/4"	67 mm	50 mm



Hahn rosettes

► brass, chromed

Article no.	PU	PU	PU	Colour	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
2752	10			chrome	1"	67 mm	5 mm
2753	10			chrome	1"	67 mm	10 mm
2754	10			chrome	1"	67 mm	15 mm
2755	10			chrome	1"	67 mm	20 mm
2756	10			chrome	1"	67 mm	25 mm
2757	10			chrome	1"	67 mm	30 mm
2758	10			chrome	1"	67 mm	35 mm
2759	10			chrome	1"	67 mm	40 mm
2760	10			chrome	1"	67 mm	50 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Ball quick release valve

► with hose fitting

* Note: the connecting piece is suitable for industrial use but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Constrction:	Size:
2395	1			silver	Stainless steel, chromed	1/2"
2397	1			silver	Brass, chromed	3/4"





Drain valve

► with hose fitting and knebel handle upper part

* Note: the connecting piece is suitable for industrial use but not tested or approved for drinking water contact!

Article no.	PU	PU	PU	Colour	Construction:	Size:
2350	1			silver	Stainless steel, matt chromed	1/2"
2351	1			silver	Stainless steel, chromed	1/2"
2352	1			brass	Brass. polished	1/2"
2366	1			silver	Stainless steel, chromed	3/4"
2367	1			brass	Brass	3/4"



Brass top 1/2"

► with seals
► suitable for item no. 2352

Article no.	PU	PU	PU	Colour	Execution:	Size:
2355	1				brass, polished	1/2"



Device connection valve

Device connection valve, chrome-plated for existing wall-mounted batteries with spacer, sanitary unit with non-return valve and pipe aerator.

Article no.	PU	PU	PU	Colour	Execution:	Size:
2303	1			chrome	with piep vent	3/4"





Angle seat device connection valve

► in a beautiful design
► with sanitary cover and backflow preventer.

Article no.	PU	PU	PU	Colour	Construction:	Size:
2301	1			chrome	With pipe vent	1/2"



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Angle valve

► thrust rosette ½", chromed
► length compensation ⅜" - 10 mm Ø



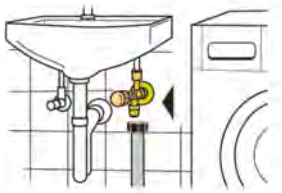
Article no.	PU	PU	PU	Colour	Construction:	Size:
2315	1	5		chrome		1/2"
2314	1	5		chrome	with self-sealing thread	1/2"



Device connection combi valve

Used to install an additional water connection in combination with a single-hole battery.

► with sanitary cover and backflow preventer
► integrated angle valve and thrust collar ½"
► length compensation ⅜"- 10 mm Ø



Article no.	PU	PU	PU	Colour	Construction:	Size:
2308	1	5		chrome	Without pipe vent	1/2"
2309	1	5		chrome	With pipe vent	1/2"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Perl-Jet-Regulator "W 270" & "UBA"

In chrome-plated brass, with air intake and rubber seal. Approved and approved for use with drinking water according to UBA guidelines and "W 270".



Article no.	PU	PU	PU	Colour	Construction:
5225	10			chrome	M22 x 1 Inner thread
5226	10			chrome	M24 x 1 Outer thread
5227	5			chrome	M28 x 1 Outer thread



Perl-Jet-Regulator with ball joint

The swivel-mounted steel regulator allows convenient washing and sink cleaning.
► with rubber seal

* Note: the connecting piece is suitable for industrial use but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	Construction:
5222	10			chrome	M22 x 1 Inner thread
5223	5			chrome	M22 Inner thread & M24 Outer thread



Ball joint Perl-Jet-Regulator with shower function

With changeover for dish sprayer / soft jet with rubber seal, suitable for all standard fittings with adapter M22 / M24.

* Note: the connecting piece is suitable for industrial use but not tested or approved for drinking water contact!



Article no.	PU	PU	PU	Colour	
5219	10			white/chrome	



Rubber Seals for Perl-Jet-Regulators



Article no.	PU	PU	PU	Colour	Compatible for:	Inner-Ø in mm:	Outer-Ø in mm:	Height in mm:
8175	100			black	M22	15 mm	21 mm	2,0 mm
8174	100			black	GROHE® M22, with inner or outer thread	16,5 mm	21 mm	1,5 mm
7414	100			black	NEOPERL®M24 with AG	14 mm	21 mm	2,0 mm
7416	100			black	M28 for bath or shower mixer	19 mm	25,5 mm	2,0 mm



Perl-Jet-Regulator-Wrench

Durable pearl-beam control key made of extremely durable, fiber-reinforced plastic.

► suitable for most perl jet regulators



Article no.	PU	PU	PU	Colour	Length in mm:	Width in mm:
5230	10	30		red	111 mm	43,9 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

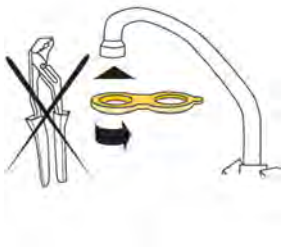


Perl-Jet-Regulator-Wrench "OHA Super-Grip"

The "Super-Grip" has a soft rubber inlay for the particularly gripping screwing out of the perl jet regulators.

► no more scratching of the perl jet regulator
► extremely good grip, therefore less effort is required

Article no.	PU	PU	PU	Colour	Length in mm:	Width in mm:
5285	5	20		blue	111 mm	43,9 mm



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Since over 75 years quality & innovation for the plumbing trade.

Chapter 20

"HAAS-TOOLS" Profi Tools for the Plumber





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... that we have developed our tool program "HAAS-TOOLS" exclusively for the needs of plumbing and heating?

For sure we are not a fully assortment tool shop - as there are many - but we have deliberately focused on the development of high-quality and innovative products for our "branch of industry, " with special attention to the selection of special tools.

The basis for this is, or were, the minimum requirement, not only the applicable DIN (ISO) regulations, but our claim to offer you better quality tools.
"That is why we have subjected many of our tools to so-called torsion tests, that is, we have made comparative tests with competitive products to test strength, stability, and so on.

In the subchapter "our special tools" we offer you specially developed tools which are advantages you and which are not offered everywhere!

You should pay particular attention to the subsection "Tool Bags", because the quality of these products is really outstanding. The durability, the design and the respective arrangements of the compartments for the tools will convince you.

Here, too, is our claim:

"We do not offer you building market qualities!"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA-Super-Wrench-Sockets

The ideal tools for mounting / dismantling S-fittings, screw connections, reducers and reducer nipples. The 8 hardened steel rollers grip the threads of the workpieces without damage and work in both directions! Simple, safe and fast handling.

► packed in transparent plastic box



Article no.	PU	PU	PU	Colour	Size:	Dimensions:	Weight:	Propulsion:
7805	1			chrome	3/4"	42 x 43 mm	267 g	1/2"
7830	1			chrome	1/2"	38 x 43 mm	207 g	1/2"
7835	1			chrome	M 10	28 x 43 mm	134 g	3/4"
7840	1	5		chrome	M 8	24 x 43 mm	93 g	3/4"
7860	1	5		chrome	M 12	30 x 43 mm	154 g	3/4"

OHA-Super-Wrench-Sockets-Set "Lea", without ratchet

The small OHA-Super-Wrench-Sockets-Set for assembly and disassembly of fittings. In a sturdy, coated metal case with 2 locks and carrying handle.



Article no.	PU	PU	PU	Colour	Dimensions:
7831	1	10		silver	252 x 64 x 50 mm

The content is composed of:

Item:	Piece:	Description:
7805	1	OHA-Super-Wrench-Sockets 3/4"
7830	1	OHA-Super-Wrench-Sockets 1/2"
7835	1	OHA-Super-Wrench-Sockets M10
7840	1	OHA-Super-Wrench-Sockets M8
7860	1	OHA-Super-Wrench-Sockets M12
7856	1	Transition piece 1/2 "inner square x 3/8" outer square
7859	1	Connecting rod Outside hexagon 6,3mm (1/4 ") x outer square

OHA-Super-Wrench-Sockets-Set "Ajla", with ratchet

The small OHA-Super-Wrench-Sockets-Set for assembly and disassembly of fittings. In a sturdy, coated metal case with 2 locks and carrying handle.



Article no.	PU	PU	PU	Colour	Dimensions:
7834	1	9		silver	272 x 108 x 50 mm

The content is composed of:

Item:	Piece:	Description:
7805	1	OHA-Super-Wrench-Sockets 3/4"
7830	1	OHA-Super-Wrench-Sockets 1/2"
7860	1	OHA-Super-Wrench-Sockets M12
7835	1	OHA-Super-Wrench-Sockets M10
7840	1	OHA-Super-Wrench-Sockets M8
7856	1	Transition piece 1/2 "inner square x 3/8" outer square
7859	1	Connecting rod Outside hexagon 6,3mm (1/4 ") x outer square
7804	1	Professional ratchet with drive 1/2 "

Professional reversing ratchet with drive ½ "

The stable professional hand tool with ball lock and push button release! Versatile, especially to use our OHA-Super-Nuts. With ball lock and push button release. Handle made of chrome-vanadium steel and drive of steel, chrome-plated with 5° toothing - 72 teeth.

► individually packed in a polybag



Article no.	PU	PU	PU	Colour	
7804	1	5		chrome	

Universal set of ratchet wrenches

In high-quality chrome-vanadium quality with a soft plastic handle with 4 steps: ⅜", ½", ¾" and 1".

► individually packed in a polybag



Article no.	PU	PU	PU	Colour	Construction:
7747	1	5		chrome	Universal set of ratchet wrenches with ratchet & Square drive ½"

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Reversible ratchet with square drive ½"

In high-quality chrome vanadium quality with smooth plastic handle.

► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Construction:
7746	1	5		chrome	Reversible ratchet with square drive ½"



Universal radiator spud wrench, without ratchet

Universal radiator spud wrench in high-quality chrome-vanadium quality.

► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Construction:
7748	1	5		chrome	Universal radiator spud wrench, without ratchet



Transition piece, ½ "- inner square x ⅜" - outer square

In high-quality chrome vanadium quality. Suitable for OHA-Super-Wrench-Sockets item no. 7805, 7830, 7835, 7840.

Article no.	PU	PU	PU	Colour	
7856	5	25		chrome	



Transition piece ½" outer square x ⅜" outer square

In high-quality chrome vanadium quality.

Article no.	PU	PU	PU	Colour	
7857	5	25		chrome	



Square joint ½"

IIn high-quality chrome vanadium quality. Fits for change rack item no. 7746.

Article no.	PU	PU	PU	Colour	
7858	5	25		chrome	

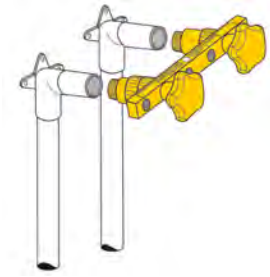


Connecting shaft outer hex ¼“ x outer square ⅜“

In high-quality chrome vanadium quality. Suitable for OHA-Super-Wrench-Sockets item no. 7835 and 7840.

Article no.	PU	PU	PU	Colour	
7859	5	25		chrome	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA Mounting connection gauge (angle valve spirit level)

The angle valve spirit level is ideally suited for accurate vertical and horizontal adjust of fittings. With horizontal & Head dragonfly. Made of solid aluminum. Left & right with 4 variable bores or adjustment possibilities. The handles are made of very sturdy plastic.

Article no.	PU	PU	PU	Colour	Construction:
3958	1			aluminium	Angle valve spirit level made of aluminum



OHA Mounting connection gauge set "JAN"

In this "hardcase" is our aluminum mounting aid, item no. 3958 always safely stored. The robust case with ergonomic handle is secured with 2 sturdy clip clips

Article no.	PU	PU	PU	Colour	Abmessung:
3909	1	7		black	265 x 340 x 80 mm





OHA Mounting connection gauge (angle valve spirit level) made of plastic

This angle valve spirit level gauge made of plastic is suitable for accurate vertical and horizontal adjustment of fittings. Equipped with head and horizontal dragonfly. Individually packed in a polybag.

Article no.	PU	PU	PU	Colour	Construction:
3959	1	7		black	Angle valve spirit level made of plastic



NEW

Adjustable thread with nut with handle

Adjustable thread with nut with handle for OHA mounting connection gauge and set art. no. 3958 and art. no. 3909. The turning handles are made of very sturdy plastic.

Article no.	PU	PU	PU	Colour	Execution:
3984	1			aluminium	made of aluminium



NEW

Fixed thread with handle

Fixed thread with handle for OHA Mounting Connection Gauge and Set Art. No. 3958 and Art. No. 3909. The turning handles are made of very sturdy plastic.

Article no.	PU	PU	PU	Colour	Execution:
3985	1			aluminium	made of aluminium



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

"HAAS-TOOLS"

Profi Tools for the Plumber

Seal Cutting Case



Seal cutting case item no. 7700 - the quick help on the construction site!

► for individual production of seals from 38 mm i-Ø to 240 mm a-Ø.
► in an attractive stable metal case, silver colored
► case dimensions: 330 x 275 x 48 mm

Caution: To protect the cutting blade, place the punched card on the metal cutting plate.

► 2 pieces item no. 7720
Rubber press plates, 2 mm without inlay, quality NBR, for special and high demands, nitrile rubber, condtionally oil and gasoline resistant, temperature resistance from -20° C to +110° C.

► 2 pieces item no. 7620
Rubber press plates, 2 mm without inlay, quality EPDM, molded rubber mixture, DVGW tested according to W270 (suitability for drinking water), aging and weathering resistant, Temperature resistance from -30° C to +100° C.

► 2 pieces item no. 7722
Rubber sealing plates, 3 mm with 1 inlay, quality NR-SBR, standard version without special requirements, temperature resistance from -20° C to +70° C

► 2 pieces item no. 7723
OHA special sealing plates 2 mm, quality fiber-reinforced graphite plate - outstanding high compressive strength, also suitable for heat-conducting oils, temperesistance from -100° C to +360° C.

► 2 pieces item no. 7621
Rubber press plates, 2 mm without inlay, quality NBR, suitable for the production of seals for gas fittings for an operating pressure of up to 4 bar. DVGW approved & tested according to DIN EN 682 as well as DIN EN 549, temperature-resistant from -15° C to +80° C.

► 3 pieces item no. 7724
SK-foil, all seals can be made "self-adhesive" if necessary.

► 1 pieces item no. 7727
Die-cut cardboard, 2mm, is placed on the metal plate to gentle the knife.

► 2 pieces item no. 7717
Replacement cutting knife

► 1 pieces item no. 7718
Grinding stone

The versatility of the installation and operating conditions can only be used as non-binding guidelines. On request, we will provide you with the corresponding technical data sheets. Instructions for use and assembly instructions are included in the assortment.

Note: For further information, e.g. assembly instructions, please visit: www.haas.de/downloads

Article no.	PU	PU	PU	Colour	Description:	Dimensions:
7700	1			aluminium	Seal cutting case complete	330 x 275 x 48 mm
7720	2			black	Rubber crush plate, NBR	Ø ca. 252 mm
7722	3			black	Rubber seal plate, NR-SBR	Ø ca. 252 mm
7723	2			yellow	OHA-Secial sealing plate	Ø ca. 252 mm
7724	3				SK-Foil	Ø ca. 252 mm
7727	1			grey	Punching cardboard	Ø ca. 252 mm
7717	2			steel	Replacement blade	
7718	1			pink	Grinding stone	
7620	1			black	Rubber crush plate, EPDM	Ø ca. 252 mm
7621	1			black	Sealing material, NBR	Ø ca. 252 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Cane bolt screw wrench - for screws M6, M8, M10 and M12

Made of steel, nickel-plated, ideal for WT mounting, very handy and robust and with rotatable thread insert. Fits M6, M8, M10 and M12 threaded bolts.

► individually packed in a polybag



Article no.	PU	PU	PU	Colour	Dimensions:
7855	1	5		metal	220 x 45 x 35 mm

Sanitary Cross Key

Combination wrench with 4 x outer hexagon: ⅜ ", ½ ", ¾ ", 1" for cock extensions, installation and removal of radiator valves and return fittings, as well as internal threads M6 and M10 for floor screws. Made of high-quality chrome-vanadium, chromed.

► individually packed in a polybag



Article no.	PU	PU	PU	Colour	Dimensions:
3810	1	5		silver	4 x outer hexagon: ⅜ ", ½ ", ¾ ", 1"

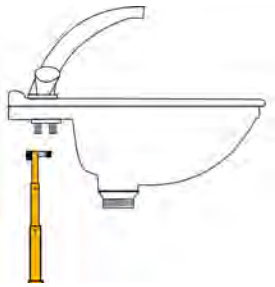
Plumbing installation wrench

Made of high-quality chrome-vanadium steel with M10 thread for stock screws and square-head counterscrew. Fork wrench widths 17 and 19 mm.

► individually packed in a polybag



Article no.	PU	PU	PU	Colour	Construction:
7719	1	5		silver	17 mm & 19 mm



Telescopic hahn nuts wrench

For mounting nuts up to SW 32 or SW 50, made of high-quality chrome vanadium steel, length: approx. 235 mm. Claw back-restraining and pivoting and foldable for left and right travel. T-handle adjustable, captive.

► individually packed in a polybag



Article no.	PU	PU	PU	Colour	Clamping range:	Adjustable for lengths:
7816	1	5		steel	10 - 32 mm	25, 31, 37 & 43 mm
7817	1	5		steel	25 - 50 mm	25, 31, 37 & 43 mm



Hahn nuts wrench

Very robust, swiveling cross-handle, with swivel, spring-loaded claw for right and left-hand drive. Made of chrome-vanadium special steel, for easy assembly and disassembly of drain valves. Clamping range: 10 - 32 mm.

► individually packed in a polybag



Article no.	PU	PU	PU	Colour	Size:	Length:
7762	1	5		steel	3/8" - 1¼“	235 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Strap and armature pliers

Particularly suitable for chrome-plated fittings and polished surfaces, as very surface-friendly. Light alloy body, red lacquered, belt tongs approx. 300 mm long with high-strength webbing, approx. 1,0 m long, approx. 27 mm wide.

► individually packed in a polybag



Article no.	PU	PU	PU	Colour	Size:
7741	1	5		steel	3"



Chain pipe tongs 4 "R / L

Ideal for assembly or disassembly of round or polygonal items of larger dimensions, made of special steel.

Article no.	PU	PU	PU	Colour	Construction:
7764	1	5			For working in both directions up to max. 4"



Small pipe cutter, small

For copper, brass and thin-walled steel pipes. Tube cutters from ⅛" to ⅝" (8 - 16 mm).

Article no.	PU	PU	PU	Colour	Construction:
2280	1	10		red	with integrated deburrer



Tube cutters, large

For copper, brass and thin-walled steel pipes. Pipe cutters from ⅛" to 1 ⅛" (up to 28 mm).

Article no.	PU	PU	PU	Colour	Construction:
2281	1	5		red	with integrated deburrer



Spare cutting wheel for pipe cutters 2280 and 2281

Spare cutting wheel suitable for pipe cutters item no. 2280 und item no. 2281.

Article no.	PU	PU	PU	Colour	
2282	1	10		steel	



Universal professional knife

In top quality, anti-slip handle and locking screw for safe and clean work.

► with 4 spare blades
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	
7715	1	5		yellow/black	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Heater bleed screw key

Particularly stable and long version, for ventilating link radiators.



Article no.	PU	PU	PU	Colour	Total length:	Shaft length:	Plug-in depth
2205	10	50		silver	ca. 34 mm	ca. 20 mm	ca. 10 mm

Socket wrench, chrome plated

Socket wrench, chrome plated



Article no.	PU	PU	PU	Colour	Total length:	Shaft length:	Insertion:
2381	5			chrome	approx. 25 mm	approx. 10 mm	approx. 9 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



OHA pipe planing for plastic pipes

Robust pipe plane with two special indexable insert for hard alloy and centering ring. For the production of a planar cutting surface for DN 110 pipes, e.g. for HT-pipes. For pipes with an internal diameter of 103 mm and an outside diameter of up to 115 mm. Fully assembled high quality tool with inner square drive adapter for ½" ratchet and hexagon head SW 27.

Article no.	PU	PU	PU	Colour	Size:
7881	1	5			DN 110



Universal pipe planing for plastic pipes DN 75/90/110

Robust pipe plane with two special indexable insert for hard alloy and centering ring. For the production of a planar cutting surface for DN 75/90/110 pipes, e.g. for HT-pipes. To wall thickness of 8, 9 & 10 mm. Fully assembled high quality tool with inner square drive adapter for ½" ratchet & hexagon head SW 27.

Article no.	PU	PU	PU	Colour	Size:
7891	1	5		silver	DN 75 / 90 / 110

NEW

OHA multi-tube deburrer and chopper DN 32 - 110

For deburring and chamfering the inner and outer edges in one operation. Ground and hardened cutting blade for extra long life, made of sturdy plastic for low abrasion & long life. Suitable for HT, KG, Geberit® Silent-PP, Valsir® HD-PE, POLO-KAL® NG pipes in DN 32, DN 40, DN 50, DN 56, DN 60-63, DN 70-75, DN 90 and DN 100-110.
Please note: Due to the manufacturer tolerances of plastic pipes, it can happen with thick-walled pipes that they fit only to a limited extent.

► Accessories: Adapter for ratchet: item No. 7753 and knife change kit: item No. 7754





Article no.	PU	PU	PU	Colour	Equipment:
7751	1	18		black	without adapter for ratchet, packed in the plastic box
7752	1	19		black	with adapter for ratchet, packed in the plastic box

NEW

Adapter for ratchet

The adapter is suitable for driving by ratchet in manual mode.

► suitable for item no. 7751 and item no. 7752
► wrench size SW9



Article no.	PU	PU	PU	Colour	
7753	1			steel	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

NEW

Spare knife set for multi-pipe deburrer

Ground and hardened cutting knife for extra long life.

► suitable for OHA twin tube deburrers Art. 7751 and item no. 7752

Article no.	PU	PU	PU	Colour	
7754	1			steel	



Pipe cutters, light (pipe borer)

For plastic, casting and non-ferrous metal pipes 4 - 40 mm with 3 stainless steel blades in ABS housing. For internal and external deburring.

► individually packed in a carton

Article no.	PU	PU	PU	Colour	
7743	1	5			



Pipe cutters, heavy (pipe borer)

For plastic, casting and non-ferrous metal pipes 6 - 40 mm diameter with 3 stainless steel blades in zinc die-cast housing, for internal and external deburring.

► individually packed in a polybag

Article no.	PU	PU	PU	Colour	
7744	1	5		steel	



Tube cutters for stainless steel pipes (pipe deburrers)

In professional quality, tube milling cutter for stainless steel pipes 10 - 56 mm for internal and external deburring. Aluminum body with hardened cone and 40 cutting blades.

► individually packed in a carton

Article no.	PU	PU	PU	Colour	
7745	1	5		metal	



Counterbore cutter

The wall matching of components is achieved by shortening with our countersinking cutter. After screwing on the fittings, the sanitary fittings can be installed easily, cleanly and quickly. With ground carbide cutter insert, which can be used on both sides by simply loosening the Allen screw.

Article no.	PU	PU	PU	Colour	Construction:
6080	1	5		black	With 2-fold insert and allen key



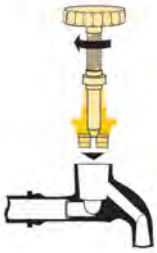
Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Valve seat cutter ⅜" and ½", brass

Valve seat cutter ⅜" and ½", eliminates grooves on the valve seat, as well as stubborn limescale deposits on outlet valves and dual-action sanitary fittings.

Article no.	PU	PU	PU	Colour	Construction:
2208	1			black	3/8 " & 1/2"

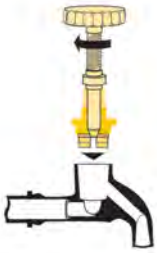




Profi-Valve seat cutter, ⅜" , ½", ¾" and 1", brass

Valve seat cutter, ⅜" , ½", ¾" and 1". Eliminates grooves on the valve seat as well as stubborn limescale deposits at outlet valves and branch-re-sanitary fittings. In addition to the use in the sanitary fitting range, a cut-off valve seat up to 1" is possible.

Article no.	PU	PU	PU	Colour	Construction:
2209	1	20		brass	3/8", 1/2", 3/4" and 1"



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HSS bi-metal hole drill 57 mm

In professional quality (HSS bimetal)

► e.g. for mounting our EASY-FIX (see page 4.6)
► suitable for almost all materials such as Steel and SML pipes
► individually packed in a carton



Article no.	PU	PU	PU	Colour	Construction:
7736	1	5		blue	Ø 57 mm
7737	1	5		steel	Intake shank for Ø 32-152 mm



Hole drill with intake shank

► made of steel
► with drill shank
► suitable for soft materials, e.g. plastic, thin sheets, etc.
► individually packed in a carton



Article no.	PU	PU	PU	Colour	Construction:
7738	1	5		steel	hole drill Ø 57 mm
7742	1	5		metal	hole drill Ø 35 mm for sink fittings



HSS bi-metal hole drill set

HSS bimetal drill set with 9 drill bits.

Consisting of:

19 mm (3/4")
22 mm (7/8")
29 mm (1 1/8")
35 mm (1 3/8")
38 mm (1 1/2")
44 mm (1 3/4")
51 mm (2")
57 mm (2 1/4")
68 mm (2 11/16")
2 Drilling shank intake



Article no.	PU	PU	PU	Colour	
7735	1			grey	



Hacksaw frame

In professional quality.

► the ideal hacksaw, handy and stable
► with 12" HSS bimetal saw blade
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Size:
7731	1	5			12"



Profi hacksaw frame, small

In professional quality, light but stable.

► with metal saw blade 6"
► body made of die-cast aluminum with non-slip grip
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Size:
7732	1	5			6"



OHA professional saw, small

In professional quality.

► saw body made of sturdy aluminum
► with a 6 "saw blade of hardened carbon steel
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Size:
7775	1	5			6 "



Replacement saw blades

Article no.	PU	PU	PU	Colour	Description:	Compatible for:
7756	20				Replacement saw blades made of HSS-Bi metal, 12", 18T	Item no. 7731
7757	20				Replacement saw blades made of HSS-Bi metal, 12", 24T	Item no. 7731

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Universal grip wrench



In professional quality.

► made of high quality special steel
► with adjusting screw and release lever
► individually packed in a polybag

Article no.	PU	PU	PU	Colour	Total length:
7733	1	5			180 mm
7734	1	5			250 mm

Pipe shear for plastic pipes



For cutting plastic pipes of various dimensions.

► for hard PVC, rubber and soft metal pipes
► with handle locking
► professional quality, very stable

Article no.	PU	PU	PU	Colour	for Pipe-Ø:
7760	1	5		steel	6 - 36 mm
7767	1	5		steel	12 - 42 mm
7768	1	5			25 - 63 mm

Pipe and water pump plier



Professional quality

► made of high quality steel
► handles specially hardened
► individually packed in a polybag
► according to DIN ISO 8976

Article no.	PU	PU	PU	Colour	Size:
7773	1	5		steel	10" x 250 mm
7774	1	5		steel	12" x 300 mm

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!



Special pipe cleaner with hand crank

► for shower and bath siphon
► hand crank by drive

Article no.	PU	PU	PU	Colour	Wire spiral Ø:	Length:
7827	1	5			6 mm	0,4 m



Tube cleaning unit with quick-action chuck

► lockable by quick-clamping chuck
► in the most impact-resistant plastic spiral container
► rotating handle by drive

Article no.	PU	PU	PU	Colour	Wire spiral Ø:	Length:
7821	1	5		red	6 mm	4,5 m



Pipe cleaning unit with gun handle

► lockable by adjusting screw
► in the most impact-resistant plastic spiral container
► drive by rotating handle

Article no.	PU	PU	PU	Colour	Wire spiral Ø:	Length:
7825	1			yellow	8,5 mm	7,6 m



Pipe cleaning machine with machine connection

► lockable by adjusting screw
► in the most impact-resistant plastic spiral container
► rotating handle by drive and 6 mm shaft for drilling machine connection

Article no.	PU	PU	PU	Colour	Wire spiral Ø:
7823	1	5		blue	6 mm x 4,5 m



Pipe cleaning device with wire spiral

► lockable by adjusting screw
► in the most impact-resistant plastic spiral container
► rotating handle by drive

Article no.	PU	PU	PU	Colour	Wire spiral Ø:
7822	1	5		blue	6 mm x 4,5 m



Pipe cleaning machine with machine connection & gun handle

► lockable by adjusting screw
► in the most impact-resistant plastic spiral container
► rotating handle by drive and 6 mm shaft for drilling machine connection

Article no.	PU	PU	PU	Colour	Wire spiral Ø:
7824	1	5		blue	6 mm x 4,5 m

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Tool roll pocket, 9-fold



► with 9 tool compartments and cover plate
► made of 600D polyester fabric
► carrying handle with padding
► two Velcro fasteners
► two metal eyes for hanging mounting
► a klett-fastened inscription field on the outside
► without content

Article no.	PU	PU	PU	Colour	Length in cm:	Width in cm:
7671	1	5		blue	40 cm	32 cm

Tool roll pocket, 12-fold



► with 12 tool compartments and cover plate
► made of 600D polyester fabric
► carrying handle with padding
► two Velcro fasteners
► two metal eyes for hanging mounting
► a klett-fastened inscription field on the outside
► without content

Article no.	PU	PU	PU	Colour	Length in cm:	Width in cm:
7672	1	5		blue	54 cm	32 cm

Tool roll pocket, 15-fold



► with 15 tool compartments and cover plate
► made of 600D polyester fabric
► carrying handle with padding
► two Velcro fasteners
► two metal eyes for hanging mounting
► a klett-fastened inscription field on the outside
► without content

Article no.	PU	PU	PU	Colour	Length in cm:	Width in cm:
7673	1	5		blue	68 cm	32 cm

Tool roll pocket, 20-fold



► with 20 tool compartments and cover plate
► made of 600D polyester fabric
► carrying handle with padding
► two Velcro fasteners
► two metal eyes for hanging mounting
► a klett-fastened inscription field on the outside
► without content

Article no.	PU	PU	PU	Colour	Length in cm:	Width in cm:
7674	1	5		blue	77 cm	32 cm

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Tool trolley, small

Made of 600D polyester fabric, sturdy thanks to a built-in metal frame with main storage space with fixed base and back wall and pull-out drawbar with 2 wheels. Additional 2 footrests and dirt-resistant main storage space zip. Velcro-lockable carrying handle with padding.

Equipment inside:
► 1 spacious main storage room
► 6 fastening loops
► 7 pockets
► 2 large pockets

Outdoor facilities:
► 2 side pockets, one covered
► 3 pockets on the back
► 4 pockets on the front
► 1 large pocket with adjustable closure at the front
► 1 hook-and-loop fastening loop on the front side
► 2 elastic material fastening tabs on the front side

Article no.	PU	PU	PU	Colour	Length in cm:	Width in cm:	Height in cm:
7692	1			black	47 cm	24 cm	39 cm



Tool trolly, large

Made of 600D polyester fabric with pull-out drawbar with 2 castors and additional 2 support brackets. Main storage room with solid floor and side walls, dirt-resistant main storage space-closure and 2 carrying handles with upholstery.

Equipment inside:
► 1 spacious main storage room with cover flap
► cover flap with 2 internal zip pockets
► 6 fastening loops
► 7 small connector loops
► 9 pockets
► a tool carrier with carrying handle, 4 plug-in pockets and 2 mesh pockets

Outdoor facilities:
► one side pocket each with cover
► 3 front pockets with cover
► 2 elastic material fastening tabs on the front side

Article no.	PU	PU	PU	Colour	Length in cm:	Width in cm:	Height in cm:
7694	1			black	50 cm	30 cm	43 cm

NEW



OHA knee cushions with grip hole

The perfect underlay for gentle work in lying and kneeling. Good cold insulation when working on the ground.

► with handle, especially thick: 2,5 cm
► resistant to oil and gasoline
► Material: solid foam

Article no.	PU	PU	PU	Colour	Size:
7680	1	14		blue/black	60 x 40 x 2,5 cm
7681	1	14		blue/black	90 x 50 x 2,5 cm
7683	1	14		blue/black	49 x 24,5 x 2,5 cm



SCHUBOXX® "Facillities for the garden "

► suitable for every wheelbarrow
► swiveling
► always remains horizontal
► garden tools safely stowed away

Article no.	PU	PU	PU	Colour	
2400	1			green	



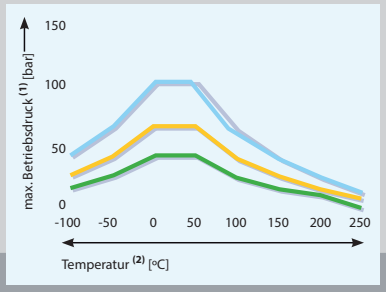
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HAAS®
Nürnberg

Since over 75 years quality & innovation for the plumbing trade.

Chapter 21
Technical Information



§ § §



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www.haas.de

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Technology that simply connects. Nürnberg

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In our plants in Germany and Hungary we produce for industry and trade:rubber molded parts and profiles, plastic molded parts and profiles and flat gaskets made of soft sealing materials.

Our company is certified according to DIN ISO 9001 : 2008. Therefore, we attach great importance to supplying you with products that are of high quality and safe in use.

On the following pages we inform you about technical data and properties of materials we process.



ZERTIFIKAT

Hiermit wird bescheinigt, dass

HAAS

Otto Haas KG

Gießener Straße 5
90427 Nürnberg
Deutschland

ein **Qualitätsmanagementsystem** eingeführt hat und anwendet.

Geltungsbereich:
Entwicklung und Produktion von Gummi- und Kunststoffartikeln Großhandel mit Gummi- und Kunststoffartikeln Großhandel mit Zubehörteilen für die Sanitär-Installation

Durch ein Audit, dokumentiert in einem Bericht, wurde der Nachweis erbracht, dass das Managementsystem die Forderungen des folgenden Regelwerks erfüllt:

ISO 9001 : 2015

Zertifikat-Registrier-Nr.	052957 QM15
Gültig ab	2018-05-25
Gültig bis	2021-05-24
Zertifizierungsdatum	2018-05-25

DQS GmbH

Stefan Heinloth
Geschäftsführer

Akkreditierte Stelle: DQS GmbH, August-Schanz-Straße 21, 60433 Frankfurt am Main

Our valid certificates can be found at: ***www.haas.de/unternehmen/qualitaetsmanagement/***

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Product tolerances

For the production of our products, the tolerances or standards and legal requirements are valid at the time of printing are valid as a basis (also called "technical rules")!

These rules can be applied to dimensions, workmanship, procedures, tests, documentation, etc.

Allow us some explanations regarding frequently used abbreviations:

DIN: **D**eutsches **I**nstitut für **N**ormung
(German institute for standardization)

- Have exclusively or predominantly national significance

DIN EN: **E**uropean **N**orm

- German takeover of a European standard

DIN EN ISO: **I**nternational **S**tandardization **O**rganization

- incurred norm under the guidance of ISO or CEN

VDE: **V**erband **D**er **E**lektrotechnik, Elektronik und Informationstechnik ***(Association of Electrical Engineering, Electronics and Information Technology)***

- Regulates electronic security requirements

For our wide range of applications, our laboratory has developed and tested a wide range of compounds from the following elastomers. The act in combination from value analysis, optimal quality and rational production offers you products with a favorable price / performance ratio and always the right solution! The selection of the expedient quality is based on the detailed information given by the customer regarding the intended use and use of the order object in thechemical, thermal and mechanical sectors and our experiences.

The durability levels do not say anything about a certain lifetime. They are indications as to which base polymer has the lowest swelling and thus the relatively longest operational capability against a certain medium.

Elastomers, designations, mechanical, chemical and thermal properties and applications

	Chemical names	Short names acc. to ASTM 1418	Raw material trading-names (example)	Hard-ness-range Shore A	Tensile strenght	Elongation at break % M Pa	Wear resistance	Temp-erature use C° (duration)	Temp-erature use C° (short-term)	oil resistan-ce C° 1-2 h	solvent resistance	light resistance	suitable for food	dielectric properties
1.	Natural rubber	NR	Crepe SMR ®	30-90	30	600	very good	-30 +60	-60 +90	low	moderate	moderate	yes	very good
2.	Isoprene rubber	IR	Clariflex IR® Natsyn	40-90	30	600	very good	-30 +61	-60 +90	low	moderate	moderate	yes	good
3.	Butadiene rubber	BR	Buna CB® Cariflex BR®	45-80	11-20	300-600	very good	-40 +75	-60 +100	moderate	moderate	moderate	yes	good
4.	Styrene/ Butadiene rubber	SBR	Buna® Europrene®	40-90	25	450	very good	-25 +75	-40 +100	moderate	moderate	moderate	yes	good
5.	Chloroprene rubber	CR	Neoprene® Baypren®	30-90	24	450	very good	-25 +95	-40 +110	good	satisfying	very good	yes	good
6.	Nitrile bitadiene rubber	NBR	Perbunan® Europrene®	40-90	25	450	very good	-25 +90	-40 +120	very good	good	moderate	yes	moderate
7.	Hydrogenated Nirtil butadiene rubber	HNBR	Therban® Zetpol®	50-90	25	400	very good	-40 +150	160	very good	good	very good	yes	good
	Isobutene Isoprene Butyl rubber	IIR	Butyl®	40-90	21	600	good	-15 +110	-40 +150	moderate	moderate	very good	yes	very good
8. 9.	Ethylene propylene diene rubber	EPDM EPM	Keltan® Buna EP® Vistalon® Dutral®	30-90	25-28	450	good	-30 +130	-50 +150	moderate	moderate	very good	yes	very good
10.	Chlorosul-fonated polyethylene	CSM	Hypalon®	50-90	18	300	good	-20 +120	-30 +130	good	good	very good	yes	good
11.	Silicone rubber	MQ	Elastosil® Silastic® Silopren®	30-85	10	250	moderate	-90 +200	-90 +230	very good	good	very good	yes	very good
12.	Fluorcarbon rubber	FCM	Fluorel® Viton® Tecnoflon®	60-90	20	450	good	-15 +200	-20 +260	very good	very good	very good	no	good
13.	Acrylate rubber	ACM	Hytemp® Nipol AR®	50-90	15	250	good	-25 +150	-25 +180	very good	good	very good	no	moderate
14.	Ethylene acrylate rubber	EAM	Vamac®	50-90	15	250	good	-40 +170	-40 +180	very good	good	very good	no	good
15.	Epichlorhydrin rubber	CO ECO ETER	Hydrin® Epichlomer®	40-90	15	250	good	-30 +130	-40 +140	very good	good	very good	no	good
16.	Ethylene vinyl acetate rubber	EVM	Levapren®	65-95	10	500	good	-30 +120	-30 +170	moderate	moderate	very good	yes	good
17.	Polyurethane elastomers	Au Eu	Urepan®	65-95	35	450	very good	-25 +80	-30 +100	very good	good	moderate	no	good

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

STABILITY STUDIES (unless otherwise stated, at room temperature)

highly resistant · conditionally resistant · resistant · non resistant

	NR	SBR	NBR	CR	IIR	CSM	SI	FPM	EPDM
Accumulator acid									
Acetaldehyde									
Acetone									
Acetylene									
Acetic acid 10%									
Acetic acid 25%									
Acetic acid 70%									
Acetic anhydride									
Acetic acid, vapors									
Ahtan									
Alcohol									
Ammonia									
Ammonia, watery									
Aqua regia									
Arsenic									
ASTM Oil No. 1									
ASTM Oil No. 2									
ASTM Oil No. 3									
Beer									
Benzene									
Benzyl alcohol									
Bitumen									
Boric acid									
Brandy									
Bromine									
Butanol									
Butyl acetate									
Butyl alcohol									
Butyric acid									
Calcium hydroxide									
Calcium hypochlorite									
Calcium salts									
Carbolineum									
Carbon dioxide, wet									
Carbon dioxide, dry									
Carbon dioxide, hot									

	NR	SBR	NBR	CR	IIR	CSM	SI	FPM	EPDM
Carbon tetrachloride									
Castor oil									
Caustic soda									
Crude oil									
Chlorine, wet									
Chlorine, dry									
Chlorobenzene									
Chloroacetic acid									
Chlorine. solvent									
Chloroform									
Chlorine sulfur									
Chlorosulfonic acid									
Chrome baths									
Chromic acid									
Citric acid									
Clophenes									
Coconut oil									
Corn oil									
Cyclohexanol									
Dibenzyl ether									
Dibutyl phthalate									
Diochlorobenzene									
Diochlorbutylen									
Diethyl ether									
Diethylene glycol									
Dimethyl ether									
Dimethylformamide									
Dioctylphtalate									
Dioxane									
Dioxolane									
Dipentene									
Engine oils									
Ethanolamine									
Ether									
Ethyl acetate									
Ethyl alcohol									

	NR	SBR	NBR	CR	IIR	CSM	SI	FPM	EPDM
Ethylbenzene									
Ethyl chloride									
Ethylene									
Ethylene chloride									
Ethylene dichloride									
Ethylene glycol									
Essential oils									
Fatty acids									
Flue gas									
Fluorobenzene									
Formic acid									
Formaldehyde									
Frigen (Freon) Nr. 11									
Frigen (Freon) Nr. 12									
Frigen (Freon) Nr. 14									
Frigen (Freon) Nr. 21									
Frigen (Freon) Nr. 22									
Frigen (Freon) Nr. 113									
Furan, (Furfuran)									
Furfurol									
Gelatin									
Generator gas									
Glycol									
Glycerin									
Glue									
Heating oil									
Hexane									
Herbal oils									
Hydrochloric acid, concentrated									
Hydrochloric acid <65°C									
Hydrochloric acid >65°C									
Hydrofluoric									
Hydrofluoric acid									
Hydrofluoric acid, hot <65%									
Hydrofluoric acid, hot >65%									
Hydrofluoric acid, cold <65%									

STABILITY STUDIES (unless otherwise stated, at room temperature)

highly resistant · conditionally resistant · resistant · non resistant

	NR	SBR	NBR	CR	IIR	CSM	SI	FPM	EPDM
Hydrofluoric acid, cold >65%									
Hydrogen gas, cold									
Hydrogen gas, hot									
Hydrogen peroxide									
Hydrogen sulfide, hot									
Hydrogen sulfide, cold									
Hydrogen sulfide, tr. hot									
Hydrogen sulfide, tr. cold									
Ice vinegar (conc.), pure									
Illuminating gas									
Isoropyl alcohol									
Isobutyl alcohol									
Isoprobylacetat									
Isopropyl ether									
Kerosine									
Lactic acid, hot									
Lactic acid, cold									
Lubricating oils									
Linseed oil									
Mercury									
Mercuric chloride									
Methyl ethyl ketone									
Methylene chloride alcohol									
Methylene chloride									
Milk									
Mineral oils									
Monochlorobenzene									
Naphtha									
Naphthalene									
Natural gas									
Nitric acid, dilute									
Nitrobenzene (Mirban oil)									
oleic acid									
Olive oil									
Oxalic acid									
Oxygen, cold									

	NR	SBR	NBR	CR	IIR	CSM	SI	FPM	EPDM
Ozone									
Paraffins									
Perchlorethylene 50° C									
Petroleum									
Petrol, petroleum ether, naphtha									
Phenol (carbolic acid)									
Phenyl ethyl ether									
Phenylbenzene									
Phosphoric acid (conc.)									
Phosphoric acid, hot									
Phosphoric acid, cold <45%									
Phosphoric acid, cold >45%									
Phthalic anhydride									
Propane									
Propanol 50°C									
Seawater 5 %									
Sodium chloride									
Sodium hydroxide									
Sodium hypochlorite									
Soda lye10 %									
Soda lye 25 %									
Soda lye 50 %									
Soybean oil									
Spindle oil									
Spruce oil									
Stearic acid									
Stone coal tar oil									
Sulfur dioxide									
Sulphurous acid									
Sulfur carbon									
Sulfuric acid 10 %									
Sulfuric acid 25 %									
Sulfuric acid 50 %									
Sulfuric acid 75 %									
Sulfuric acid 96 %									
Sulfuric acid, smoking									

	NR	SBR	NBR	CR	IIR	CSM	SI	FPM	EPDM
Sulfur trioxide									
Tannic acid									
Tar									
Tartaric acid									
Tartaric acid (stone)									
Tetrachlorethylene									
Tetrahydrofuran									
Thioglycolic acid									
Tin chloride									
Toluene 20°C									
Transmission oil									
Triethanolamine									
Trichlorethylene									
Turpentine									
Turpentine oil									
Vinegar									
Waste water									
Water, cold									
Water to 80 °C									
Water to 100 °C									
Xylene									
Zinc chloride									
Zinc sulfate									

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Determination of degree of hardness

Valid test specifications are for Germany DIN 53505, for England British Standard Hardness B.S. 903:19: 1950, for USA ASTM-Hardness 314-39 as well as ASTM D 531-49.

Definition

In rubber technology, hardness means the relative resistance of a sample surface against the penetration of a precisely dimensioned needle under a certain load. As a rule, it is measured for soft rubber according to Shore A grades. The scale ranges from 0-100, where 0 is extremely soft and 100 is extremely hard. This scale almost covers the applications occurring in the soft rubber region. For a better understanding of the following explanations, we give in a table some common hardness values according to Shore A.

Execution of the measurements

The standard stipulates that the test shall be carried out on samples which were not subjected to mechanical stress, the test areas (of at least 30 mm diameter) having to be smooth and flat. The thickness of the sample should be at least 6 mm for soft rubber and at least 3 mm for hard rubber.
Furthermore, a test should be carried out at about 23 ± 3 ° C and at the earliest 16 hours after vulcanization. It is recommended that at least 3 measurements are taken at different location on the test specimen and the result is determined.
The reading of the hardness value shall be made 3 seconds after the surface contact is made. If the rubber article to be measured based on shape or size are not suitable for a flawless Shore hardness measurement (e.g. round, profiled or very thin articles), it is advisable to supply the customer with shaped heated plates from the same mix batch at certain intervals.
On these boards, the consumer can carry out technically faultless checks. It is also important that German, American and English standards based on a long practical experience provide for manufacturers and consumers for ± 5 Shore hardness tolerances are binding. This means that a Shore A hardness of 70 (measured with controlled equipment) is required by the user have to be minimum 65 and maximum 75.

Statement value of the hardness test according to Shore

The most striking feature of the measuring method with a pocket device is that it can be carried out almost quickly on every vulcanizate, that the handset can be carried with it at any time and that the measuring object is not damaged during the measurement. But the simplicity and the enforceability of messure the hardness at any time often lead to an overvaluation and overestimation of the hardness value, whereby the condition of the plane bearing surface of 30 mm diameter is often overlooked.

hardness grade acc. to Shore A	Applications area Product groups
30 ± 5	Printing rollers (Printing house) Rolling rings of driven material
40 ± 5	Rubber bands Sealing rings
50 ± 5	Boil down rings Fermenting cap Bathing cap Pneumatic tire-hoses
60 ± 5	Car- and truck tire running surface Conveyor band Profile
70 ± 5	Hoses-Upper rubber Form-soles Full rubber
80 ± 5	Car mats Door buffer Soles and heels Full rubber-tires
90 ± 5	Rubber mallet Floorings Typewriter rollers

There are sprayed profiles, molded articles, conveyor belts, tire treads, cable coating, rubber membranes, air springs, etc., e.g. together have a Shore hardness of 60 ± 5. This common hardness stands compared with the other attributes, across from many other oppositeness. Abrasion, elasticity, damping, resistance to swelling, tear propagation resistance, etc. may or must be different within these articles. The formulations of the rubber qualities used have little in common, because the special requirements of the application strongly differ from one another. Alone the knowledge of the Shore hardness of an article does not allow for any prediction for the later behavior.

Notes for daily practice:

- No tighter tolerance than ± 5 Shore hardness points. The inaccuracies associated with the measurement procedure and the irrelevance in the statement value advise to.
- Molded and free heated articles of the same quality usually have different hardness values. The articles heated in forms are usually higher by a few points of hardness.
- Rubber articles with very different wall thicknesses can also have different degrees of hardness in themselves. The same applies to articles which, form- and partly are free heated.
- The Shore hardness measurement allows comparative values but does not permit conclusions to be drawn about other elastic properties of the quality. It says nothing or little about the suspension characteristics or the compression set.

Derived statutory units
(Insofar as they are modified by the introduction of the SI units and are important for material characterization)

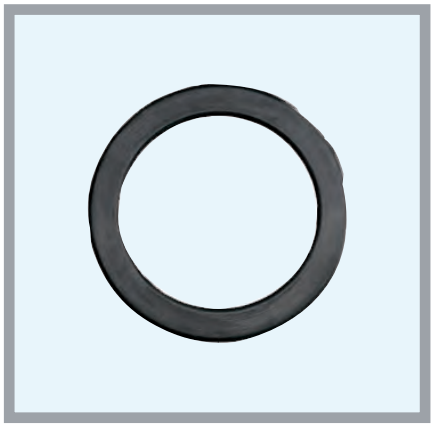
Force	Newton	N	1 N = 1 kg*m / s2	1 kp = 9,81 N	N
Mechanical tension	Pascal	Pa	1 Pa = 1N / m^2	1 kp/m^2 = 0,0981 Mpa	1 Mpa = 1 N / mm^2
Energy	Joule	J	1 J = 1 kg *m^2 / s2	1 kWh = 3,6 MJ	J
Work			1 J = 1 Nm	1 erg = 10 –7 J	
Heat flow volume			1 J = 1 Ws	1 cal = 4,1868 J	
Power	Watt	W	1 W = 1 J / s	1 PS = 0,7355 kW	kW
Density	kilogram by cubic meter	kg/m^3		1 g * cm^3 { 1000kg/m^3 1 Mg/m^3	Mg/m^3 oder g/cm^3

Rubber-Steel-Seal - Profile WG

The rubber-steel-seal, profile WG consists of a steel ring which is surrounded by rubber on all sides. The steel ring is corrosion protected. The seal is dimensionally stable. With its soft surface, the rubber-steel gasket, profile WG does not impose any too great a requirement on the flange surfaces and the orientation of the pipeline. It has proven itself in underground pipeslines without great transverse forces. This seal is also suitable for use with vacuum.

Advantages for the user

NBR - quality
Separate and double storage for seals in drinking water- and gas areas is no longer necessary. A possible confusion is therefore excluded.



Steel flange seals

Product overview for steel flange gaskets can be found on pages 09.08 and 09.19

Rubber-O-Rings

Stability values of rubber O-rings:

Quality: CR (Cholropren Rubber)
The chemical and physical properties are similar to those of Peran bunan. The resistance to mineral oil is slightly lower, its resistance to aging, acids and alkalis is excellent.

Quality: CSM = Hypalon® (Cholrsulfonated polyethlene)
Excellent resistance to ozone, high resistance to the action of acids and alkalis. Aging resistant, good mechanical and physical properties.

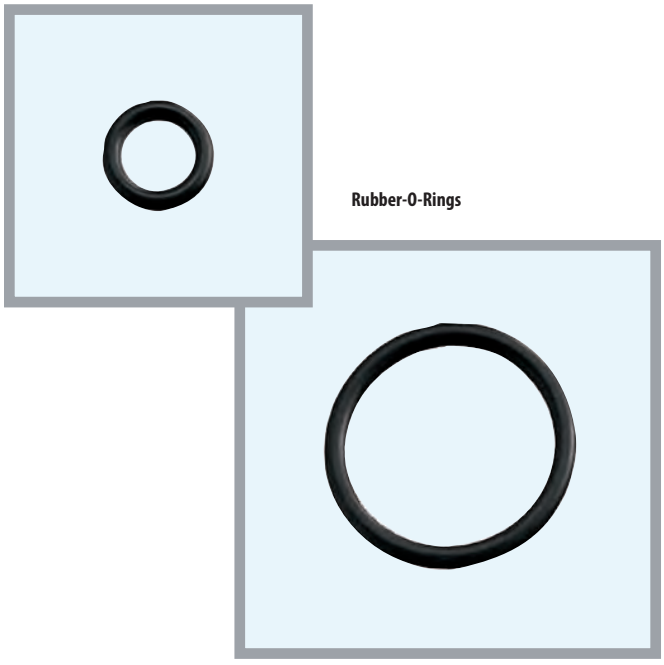
Quality: EPDM (Ethylen-Propylen-Dien-Rubber)
High steam resistance, very good aging and ozone resistance, very good electrical properties.

Quality: NBR (Nitrile Butadien Rubber)
Resistant to the action of oils, especially hydraulic oils, lubricating greases, petrol and other aliphatic hydrocarbons, good physical values, e.g. high resistance to abrasion and stability, temperature resistance 248 K (-25° C) to 393 K (+120° C), in special cases up to 233 K (-40° C).

Quality: NR = Natural rubber
Excellent physical properties.

Quality: SI = Silicon
Excellent temperature, 213 K (-60° C) to 473 K (+200° C), and aging resistance, very good low-temperature resistance.

Quality: FCM (Flur Carbon Rubber)
Exceptionally resistant to the action of mineral oils, aliphatic, aromatic and chlorinated hydrocarbons, concentrated and dilute acids and alkalis, temperature stability up to 523 K (+ 250° C), high mechanical values, very good aging resistance.



Rubber-O-Rings

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

For the production of our products, we only use plastic qualities of the best known manufacturers. We develop, produce and distribute innovative products in first-class quality and offer the best delivery service.

Plastics, designations, mech. and thermal properties and applications

Shortly sign	Description	Trade names	ρ kg/dm³	RmN/mm3	α1/K	λW/ (m•K)	φzul °C	Use
Thermoplastics								
Hard-PVC U	Polyvinyl chloride, hard	Hostalit®, Vestolit®	1,38	50	0,00008	0,16	+70	Gutter, container, pipes
Soft PVC-P	Polyvinyl chloride, soft	Tivolen®, Vestolit®	1,3	8...25	0,0002	0,17	+60	Sealing path, pipes, foil
PVDF	Polyvinyldiene fluoride	Sygefiden®	1,78	57	0,00012	0,13	– 40 bis + 140	Pipes, foil
PE-HD	Polyethylene, high density	Hostalen®	0,95	20	0,00016	0,42	–60 bis +60	Gas-, drinking- and sewage pipes
PE-LD	Polyethylene, low density	Lupolen®, Vestolen®	0,92	11...20	0,00022	0,35	–60 bis +61	Oil tank, foil
PE-X	Polyethylene, crosslinked	Lupolen®	0,94	18	0,00018	0,43	+95	Heating, DW and DWW
PS	Polystyrene	Hostyren®	1,05	40...50	0,00008	0,15	+70	Housing, sight glass, packaging
PS-E	PPolystyrene, rigid foam expands	Exporit®, Styropor®	bis 0,05	22...34		0,041	–200 bis +71	Foam, heat insulation
PA	Polyamide	Durethan®	1,13	35...75	0,0001	0,26	+100	Hose, Pipes, textile fiber
PMMA	Polymethyl methacrylate	Plexiglas® Resatglas®	1,18	70	0,00008	0,19	+ 68	glazing, molding compound
PB	Polybutylene	Draflex®	0,93	17	0,00015	0,21	+95	Heating, WW pipe
PIB	Polyisobutylene	Oppanol® Rhepanol®	0,93	3	0,0001	0,28	–30 bis +71	Joint sealer, adhesive, sealant tape
PP	Polypropylene	Hostalen® Novolen®	0,91	33	0,0001	0,28	+95	HT-sewage pipes, siphons
PP-C	PP-Copolymer	Hostalen®	0,91	21	0,00018	0,24	+60	Underfloor heating
ABS	Acrylic-butadiene-styrene	Novodur® Tertluran®	1,06	40...50	0,00008	0,15	+100	Flushing pipes

ρ Density in kg / dm³ — α Length of expansion in 1 / K — φ_{zul} Permissible operating temperature in ° C

R_m Tensile strength in N / mm² — λ Thermal conductivity number in W / (m • K)

D = DUROPLAST
E = ELASTOMER
T = THERMOPLASTIC

Abbreviation of the plastics

Shortcut	Meaning		Shortcut	Meaning	
ABS	Acrylic-butadiene-styrene	T	PE	Polyethylene	T
ASA	Acrylic-styrene-acrylic ester	T	PIB	Polyisobutylene	T
CA	Cellulose acetate	T	PMMA	Polymethylmethacrylate	T
EPE	Epoxy esters resin	D	PP	Polypropylene	T
PVAC	Polyvinyl acetate	T	PS	Polystyrene	T
PVC	Polyvinylchloride	T	EPS	Expandable polystyrene	T
PTFE	Polytetrafluoroethylene	T	EPDM	Ethylene-propylene rubber	E
PUR	Polyurethane	D/T	NBR	Nitrile-Butadiene-Rubber	E
PE-HD	Polyethylene high density	T	PVC-C	Chlorinated polyvinyl chloride	T
PE-LD	Polyethylene low density	T	PVDF	Polyvinylidene fluoride	T
PA	Polyamide	T	SAN	Styrene-acrylonitrile (polymer)	T
PAN	Polyacrylonitrile	T	SB	Styrene-butadiene	T
PB	Polybutene	T	SI	Silicone (polymer)	E
PC	Polycarbonate	T	PE-X	Cross-linked polyethylene	T

Material

Fiber rings, or even volcanic fibers, are used as a starting material for a solution of the cellulose structure in a zinc chloride solution with a subsequent connection of individual molecules.

Characteristics

Fiber rings are distinguished by their high flexibility, elasticity, toughness" as well as excellent electrical insulation values and their broad spectrum of applications. In the technical field, ***Fiber rings*** are e.g. as seals for industrial applications as well as in the sanitary sector. Due to their excellent ecological balance, ***Fiber rings*** offer an enormous potential.

Areas of application

The material is used by its various properties in a wide variety of fields. they are used as seals in the sanitary area e.g. due to the excellent electrical properties, vulcanized fiber is also used in the electrical industry for circuit breakers.

Please note

The filling water of a heating and solar plant has a decisive influence on the service life, as is the avoidance of corrosion and bouldering. Since the artisan can control the filling water of the plant, e.g. treated with a desalination plant or even with chemicals, it can lead to improper dosing or application. For this reason, we are not liable for the application in heating and solar plants. ***Gaskets made of volcanic fibers are suitable for untreated, cold and hot drinking water (up to 70° C) without any chemical additives and water treatment products, with valid KTW, W270, WRAS and ACS approval, but not for use in the heating area or in chemicals treated with chemicals!***

Technical data

Density	DIN 7773	[g/cm³]	1,2 - 1,5
Tensile strength (transverse)	DIN 7773	[N/mm²]	> 44
Tensile strength (longitudinal)	DIN 7773	[N/mm²]	> 68
Zinc content	DIN 7773	%ZnCl2/TS	0,1 / 0,04
Elongation (longitudinal)	DIN 7773	%	> 7
Elongation (transverse)	DIN 7773	%	> 8
Ball pressure hardness	DIN 7773	N/cm²	> 70
Impact strength	DIN 7773	kJ/m²	bis 120
Notch impact strength	DIN 7773	kJ/m²	30
Humidity	DIN 7773	%	< 10
Operating temperature (short-term)	DIN 7773	[°C]	180
Operating temperature (continuous)	DIN 7773	[°C]	95
Thermal conductivity	DIN 7773	W/ mK	0,31
pH value in the delivered state	DIN 7773		5 - 7
Conductivity in the delivered state	DIN 7773	µS/cm	< 120
Dielectric strength	DIN 7773	kV/mm	> 5,2

Released (tested and approved)

DVGW:

VP401:

KTW/W270:

BAM:

German Lloyd:

more information can be found at:
www.haas.de/Qualitaetsmanagement

MEDIA RESISTANCE

resistant | conditionally resistant | non resistant

Acetone	Crude oil	Methyl alcohol	Sodium hydroxide solution 5%
Acetic acid, dilute	Ether	Nitric acid 10%	Sulfuric acid, dilute
Alcohol	Ethyl acetate	Oils	Sulphurous acid
Ammonia	Fatty acid	Oleic acid	Sugar solution
Benzene	Formaldehyde solution	Petrol	Tannic acid
Calium chloride solution	Fruit juices	Phenols	Tar oils
Carbon disulphide	Glycerin	Phosphoric acid, dilute	Tartaric acid solution
Carbon tetrachloride	Glycol	Salt lye	Toluene
Chlorobenzene	Hydrofluoric acid	Seawater	Water
Chloroform	Hydrochloric acid 8%	Soap solution	Zinc chloride solution
Copper sulfate solution	Hydrogen peroxide solution	Soda solution	Zinc sulfate solution
Cyanide solution	Lactic acid	Sodium chloride solution	
Cresols	Magnesium chloride solution	Sodium sulfide	

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Material

OHA-Press is an asbestos-free sealing material. It contains aramid fibers and other high-temperature asbestos substitutes, which are processed under high pressure and elevated temperature with high-quality elastomers.

Characteristics

OHA-Press OHA-Press shows an excellent sealing behavior with gases and liquids, while at the same time good adaptability. This low-cost sealing material has a good compressive strength. Furthermore, OHA-Press is resistant to many solvents, oils, fuels, water and many other media. Technical data and stability chart to OHA-Press can be found on the following page. ***OHA-Press*** is resistant to many solvents, oils, fuels, water and many other media. Technical data and stability chart to ***OHA-Press*** can be found on the following page.

Areas of application

Sanitary and heating sector, machinery, plant and pipeline construction. Well suited for low to medium thermal-mechanical strain. Because of its physiological harmlessness, ***OHA-Press*** can also be used in drinking water.

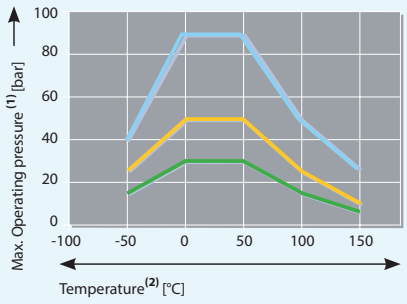
Please note

OHA-Press seals are standard on both surfaces with an anti-stick coating, which makes it much easier to remove or install new seals.

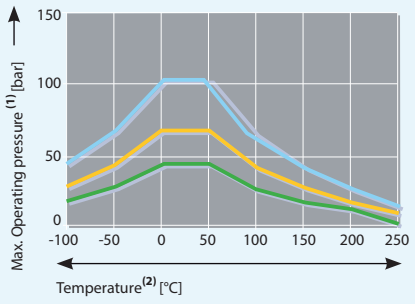
Technical data (Nominal thickness 2 mm)			
Density		[g/cm³]	1,9 ± 0,1
Tensile strength (transverse)	DIN 52910	[N/mm²]	≥ 7
Compressive strength 16h, 300°C	DIN 52913	[N/mm²]	≥ 20
Compressibility	ASTM F 36 J	[%]	6 - 15
Rebound	ASTM F 36 J	[%]	>55
Minimum design seating stress (Q_{vu})	DIN 28090-1	[N/mm²]	25
Max. Surface pressure (σ_{vo})	DIN 28090-1	[N/mm²]	250
Cold upsetting value ε_{KSW}	DIN 28091-2	[%]	5 - 10
Cold recovery value ε_{KRW}	DIN 28091-2	[%]	ca. 5
Warm typeset value $\varepsilon_{WSW/T}$	DIN 28091-2	[%]	<30
Warm recovery value $\varepsilon_{WRW/T}$	DIN 28091-2	[%]	ca. 2
Seal effect against nitrogen	DIN 3535-6	[cm³/min]	<1
Swelling in oil IRM 903 (replacing ASTM Oil Nr.3), 5h 150°C	ASTM F 146		
Increase in thickness		[%]	<20
Increase in weight		[%]	<20

Our valid certificates can be found at: www.haas.de/Qualitaetsmanagement

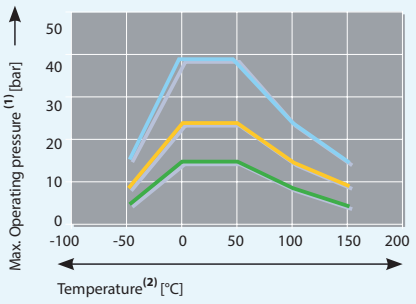
Water, aqueous solutions



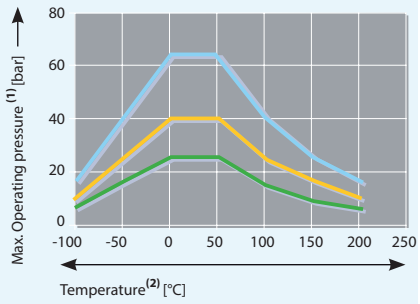
Oils, greases



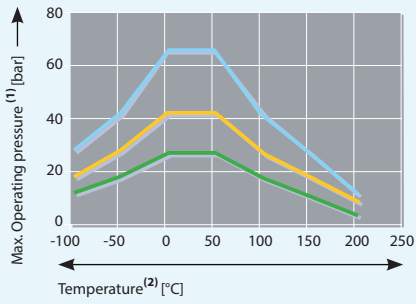
Acids, alkalis, amines, acid derivatives (3)



Gases



Fuels, solvents



Thickness 1,0mm Thickness 2,0 mm Thickness 3,0mm

(1) For flanges with for- and rebound or slot and spring, in certain circumstances may be higher pressures permissible.

(2) The application at temperatures below -50° C is possible if the surface pressure does not drop below approx. 15 N/mm² for liquids or 30 N/mm² for gases (internal pressure has to be taken into account). In addition, the seal must be free of bends or reversed bending stress.

(3) In the case of strong acids or alkalis, such as hydrochloric acid or potassium hydroxide solution, above 50° C, experiments should be carried out under conditions of use. With nitric acid > 20% there is no resistance.

(4) OHA-Press can be used for steam applications only after written approval by Otto Haas KG.

MEDIA RESISTANCE

resistant | conditionally resistant | non resistant

AQUEOUS SOLUTIONS	
Alum	resistant
Aluminum chlorate	resistant
Aluminum chloride	resistant
Aluminum sulphate	resistant
Ammonium acetate	resistant
Ammonium carbonate	resistant
Ammonium chloride	resistant
Ammonium phosphate	resistant
Ammonium sulfate	resistant
Ammonium sulfide	resistant
Barium hydroxide	resistant
Borax	resistant
Brine	resistant
Calcium chloride	resistant
Calcium nitrate	resistant
Calcium sulphate	resistant
Copper acetate	resistant
Copper chloride	resistant
Copper sulphate	resistant
Hydrogen	resistant
Hydrogen peroxide 10%	resistant
Lead acetate	resistant
Laundry detergent	resistant
Potassium acetate	resistant
Potassium bromate	resistant
Potassium carbonate	resistant
Potassium chlorate	resistant
Potassium chloride	resistant
Potassium chromate	resistant
Potassium dichromate	resistant
Potassium iodide	resistant
Potassium nitrate	resistant
Potassium permanganate	resistant
Soap	resistant
Sodium bicarbonate	resistant
Sodium carbonate	resistant
Sodium chloride	resistant
Sodium silicate (water glass)	resistant
Sodium sulphate	resistant
Sodium sulfide	resistant
Sugar	resistant
Zinc chloride	resistant
Zinc sulfate	resistant

ALKALIS	
Ammonium hydroxide	resistant
Caustic soda 3%	resistant
WATER	
Lakewater	resistant
Seawater	resistant
SOLVENTS AND DIFFERENT CHEMICALS	
Acetone	resistant
Biodiesel	resistant
Butanol	resistant
Cyclohexanol	resistant
Diesel fuels	resistant
Ethyl alcohol	resistant
Ethyl chloride	resistant
Ethyl glycol	resistant
Formaldehyde	resistant
Glycerin	resistant
Isooctane	resistant
Isopropanol	resistant
Methyl alcohol	resistant
Petrol	resistant
Petroleum ether	resistant
Petroleum	resistant
Spiritus	resistant
Tar 100 °C	resistant
Tetrachlorocarbon 100 °C	resistant
ACIDS	
Adipic acid solution	resistant
Acetic acid	resistant
Boric acid	resistant
Butyric acid	resistant
Citric acid	resistant
Fatty acids	resistant
Formic acid	resistant
Hydrochloric acid	resistant
Lactic acid	resistant
Maleic acid	resistant
Malic acid	resistant
Oxalic acid	resistant
Phosphoric acid 5%	resistant
Phthalic acid	resistant
Salicylic acid	resistant
Stearic acid	conditionally resistant
Sulphurous acid	conditionally resistant

Tartaric acid	resistant
GASEOUS MEDIA	
Acetone 55° C	resistant
Air	resistant
Ammonia	resistant
Carbon dioxide	resistant
Methane (biogas)	resistant
Nitrogen	resistant
Sulfur dioxide	conditionally resistant
OILS	
Biodiesel	resistant
Bore oil	resistant
Brake fluid	resistant
Coconut oil	resistant
Crude oil	resistant
Cutting oil	resistant
Diesel oil	resistant
Edible oil	resistant
Heating oil	resistant
Heat carrier oil 100° C	resistant
Hydraulic oil (based on biological degradation Esther)	resistant
Hydraulic oil (glycol based)	resistant
Hydraulic oil (mineral)	resistant
Light oil	resistant
Linseed oil	resistant
Lubricating oil	resistant
Machine oil	resistant
Mineral oil 150 °C	resistant
Mineral oil 250 °C	conditionally resistant
Mineral oil acc. ASTM Oil-No. 1	resistant
Mineral oil acc. ASTM Oil-No. 3	resistant
Paraffin	resistant
Paraffin Oil	resistant
Rapeseed oil	resistant
Release lube	resistant
Rolling oil	resistant
Saturated steam cylinder oil	resistant
Silicone oil	resistant
Spindle oil	resistant
Sunflower oil	resistant
Transformer oil	resistant
Transmission oil	resistant
Turpentine oil	resistant
Vaseline	conditionally resistant
Used oil	resistant

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Delivery format

Cut-outs:	see page 12.3
Seals:	Screw and flange gaskets according to DIN 2631, 2632, DIN EN 1514-1 etc.
Strengthen:	1,8 - 5,0 mm

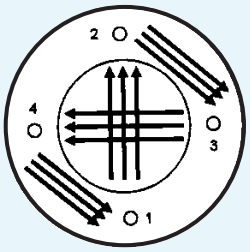
Installation instructions

Correct installation is the prerequisite for the reliable functioning of a seal. Sealing surfaces and screws appropriate must be selected according to the minimum required surface pressure and the maximum permissible surface pressure.

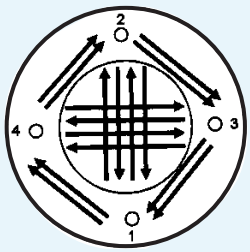
Please note:

- Before installing a new gasket, remove the impurities and residues of the old gaskets from the flange surfaces.
- Always install seals made of high quality material. A repeated installation of the old (already installed) seal is not recommended, because the seal has already lost part of its springback.
- When using cut-out or stamped gaskets, check that the screw holes and edges are smooth and without bulges. These impurities can cause an uneven distribution of the surface pressure or a leakage.
- When selecting the gasket, take into account that the gasket is thin but thick enough to compensate for the uneven flange surface and uneven screw force during tightening.
- Place seals centrical; do not apply aids (greases, release agents or sealing compounds) to seals or sealing points.
- Do not use corroded screws, nuts or washers; calculated and actual surface pressure must be the same, so apply lubricants and nuts.
- Install the second sealing point parallel to the plane and tighten the screws by hand.

Installation-Tightening procedure



1. Cross-wise 3 steps:
1,2,3,4 - 1,2,3,4 -1,2,3,4



2. Mirror-like crosswise 4 steps:
1,2,3,4 - 1,2,3,4 -1,2,3,4 1,2,3,4

- All bolts must have the same required torque. The screws must be greased beforehand.
- When using the torque wrench, make sure it is calibrated.
- If the screws are large and the piping is extremely loaded, we suggest the use of a hydraulic torque wrench.
- For asbestos-free sealing materials, the screws should not be re-tightened during operation. The required torque must be achieved during installation. A few hours after the last tightening of the screw nuts check the torque!

Advice for storage

Maximum storage period: 2 to 3 years under the following conditions:

- Temperature < + 20° C
- Relative humidity 30% to 60%
- No direct sunlight
- No artificial light with high UV content
- No ozone
- Tension-free mounting

Large deviations shorten the permissible storage time. In the case of critical (e.g. poisonous) gases, do not exceed the storage period of one year. If necessary, store gaskets or sealing plates in special packaging (air- and light-protected).



OHA-Press Radiator seal



OHA-Press Fitting seals



OHA-Press Seals for coupling nuts

Material

OHA-Graphite is an asbestos-free sealing material made of expanded graphite with a stainless steel skewer sheet inlay.

Characteristics

OHA-Graphite is characterized by exceptionally good chemical and thermal resistance, high compressibility, i.e. good adaptability to uneven and rough sealing surfaces. A low setting tendency, good gas tightness and constant material properties even under changing operating conditions are further characteristics of the material. The skewer sheet support provides a very good resistance against blowing out at high operating pressures.

Areas of application

For sealing at high temperatures as well as aggressive media in pipeline, machinery, apparatus engineering, chemical plants, power plants and power supply, in particular also in steam lines.

Origin of the details

The data are based on laboratory tests, experiences and, in particular, on the resistance of the binding and carrier metals on literature research partly on analogies. Therefore, no guarantee can be given in individual cases, especially since the chemical resistance also depends on the installation conditions. Groove and spring flanges and / or high surface pressure increase operational safety. Low surface pressure, on the other hand, reduces operational safety and, the max. Operating temperature

Temperature limits

Insofar as no temperatures are mentioned, the melting points of the media are considered as indications for the max. Operating temperature. These limits also ensure a high degree of safety, even with less optimal installation conditions.

Released (tested and approved)

DVGW:

VP401:

KTW/W270:

more information can be found at: www.haas.de/Qualitaetsmanagement

BAM:

German Lloyd:

In individual cases, the operating temperatures can be considerably higher and reach to the maximum operating limit of graphite in air of approx. 450° C.

Delivery format

Plates:	1000 mm x 1000 mm
Seals:	DIN EN 1514-1
Thickness:	2,0 mm
Tolerances:	according to DIN 28091-1

Installation instructions

Recommendations for flat gaskets

The correct installation is the basic prerequisite for the reliable functioning of the seal at least needed and the maximum permissible surface pressure will be chosen. (Refer to the table for technical data).

Technical data (nominal thickness 2 mm)

Operating temperature, max .: short-term constantly		[°C] [°C]	550 450
Operating pressure, max. 450° C		[bar]	100
Purity of the graphite support: ash content chloride content		[%] [ppm]	<2 <50
Initial density of the graphite pad		[g/cm³]	1,0
Carrier: Execution material thickness		[mm]	Skewer sheet 1,4401 0,1
Compressive strength 16h, 300° C	DIN 52913	[N/mm²]	≥ 48
Compressed	ASTM F136J	[%]	30 - 45
Spring-back	ASTM F136J	[%]	10 - 20
Sealing against nitrogen	DIN 3535 Teil 6	[cm³/min]	<0,8
Swelling in oil IRM 903, 5h 150° C: Thickness increase (replaces ASTM Oil No. 3) increase in weight	ASTM F 146J	[%] [%]	<5 <20
Min. Surface pressure in installed condition (σvo)	DIN 2505E	[N/mm²]	30
Max. Surface pressure in installed condition (σvo)	DIN 2505E	[N/mm²]	150
Max. Surface pressure in operating condition at 300 ° C (σ_{BO})	DIN 2505E	[N/mm²]	140

Abbildungen, Maße und Beschreibungen sind unverbindlich. Technische Änderungen behalten wir uns vor!

Please note:

- Only use new, undamaged and dry seals.
- Carefully clean the sealing points without scratching them; dry the sealing points.
- Centrally apply the seals, do not apply any greases, release agents or sealing compounds to seals or sealing points.
- Do not use corroded screws, nuts or washers; calculated and actual surface pressure must be the same, so apply lubricants and nuts.
- Install the second sealing point parallel to the plane and tighten the screws.
- In order to achieve a uniform pressure distribution, the screwdriver can be "over cross" in at least 3 stages.

  For example: 1st stage: 10% of required torque.
  2nd stage: 50% of required torque.
  3rd stage: 100% of required torque.

- All bolts must have the same required torque.
- Each gasket will be sit down, especially in the case of a longer standing time; before initial start-up, retighten the screws to 100% of the torque.

MEDIA RESISTANCE

resistant | conditionally resistant | non resistant

Acetaldehyde	Butyric	Diesel fuel
Acetic acid up to 100%	Calcium hypochlorite, < 5%, boiling	Diethylenglylol
Acetylene	Calcium hypochlorite, < 20%, 23° C	Diethyl ether
Acetone	Caprolactam	Dimethylamine
Acrolein	Carbon disulphide	Dimethylformamide
Acrylic acid	Carbon dioxide, Carbonic acid	Dimethylsiloxane
Adipic acid	Carbon monoxide	Engine oils
Alcohols	Carbon tetrachloride	Epichlorhydrin
Aldehydes	Caustic potash solution	Ester
Air	Caustic soda	Ethane
Amines	Chloride	Ethanol
Ammonia, liquid	Chromic acid, 50%, 23° C	Ether
Ammonia, gaseous	Chlorine, liquid, dry	Ethyl acetate
Ammonia, aqueous solution	Chloroform	Ethyl alcohol
Aniline	Chlorinated paraffins	Ethyl ether
Animal fats and oils	Chlorphenols	Ethyl glycol
Argon	Chlorsilanes	Ethylene, ethylene glycol
Benzoic acid	Cyanide	Ethylene oxide
Benzene	Cyclohexane	Exhaust air, exhaust solvent free
Benzenesulfonic	Cyclopentanol	Fluorine
Benzychlorid	Color fleet alkaline	Flue gas
Bitumen	Color fleet neutral	Formic acid 10%
Blast furnace gas	Color fleet sour	Formaldehyde, aqueous solution
Bleaching solution, < 5% boiling	Condensate	Freone, Frigene (FCKW, BrFCKW, FKW)
Bleaching solution , < 20%, 23 °C	Cooking salt, aqueous solution	Glycerin
Boiler feed water	Cooling water	Glycols
Brake fluids, glycol based	Cresols	Halons (FCKW, BrFCKW, FKW)
Bromides, fluorides up to	Crude oil	Halogenated hydrocarbons
Butadiene	Desalted water	Heating oil
Butane	Dichlorbenzene	Heat transfer oils
Butanol	Dichloroethane	Hydraulic fluids, glycolbase
Butyl acetate	Dichloromethane	Hydraulic fluids, mineral oil base

MEDIA RESISTANCE

resistant | conditionally resistant | non resistant

Hydraulic fluids, Phosphoric ester based	
Hydraulic fluids, Rapeseed oil ester based	
Hydrocarbon, aliphatic or aromatic	
Hydrochloric acid	
Hydrofluoric acid	
Hydrogen	
Hydrogen bromide, aqueous solution	
Hydrogen iodide acid	
Hydrogen peroxide <85%	
Hydrogen sulfide < 150° C	
Hydroquinone	
Hot water	
Isobutanol	
Isooctane	
Isopropanol	
Ketones	
Liquid gas	
Lubricating oils	
Machine oils	
Marlo therm	
Melamine	
Mercaptane, -tides	
Methane	
Methanol	
Methyl acetate	
Mehtylchlorid	
Methylene chloride	
Methyl ethyl ketone	
Mineral oils	
Naphtha	
Natural gas	
Nitric acid, < 65% boiling	
Nitric acid, > 65%	
Nitrobenzene	
Nitrochlorobenzene	
Nitrous gases, damp	
Nitrous gases, dry	
Nitrogen	

Not oxidizing (Borates, chlorides)	up to
Not oxidizing (Carbonates, nitrates, phosphates, sulfates, etc.)	
Organic acids	
Oxalic acid, aqueous solution	
Oxidizing (Nitrates, chlorides)	
Oxidizing (Chromates, hypochlorites)	up to
Oxygen, gaseous or liquid (see BAM approval)	
Paraffin oil	
Perchlorethylene	
Petrol	
Petroleum	
Petroleum ether	
Phenol	
Phosphorus	
Phosphoric acid, < 45%, boiling	
Phosphoric acid, concentrated, boiling	
Phosphorus trichloride, dry	
Phthalic acid	
Phthalic anhydride	
Polyacrylonitrile	
Polyamide	
Pyridine	
Pyrrolidine	
Potassium to 350° C	
Potassium hydroxide, melted to 400° C	
Potassium hypochlorite, < 5% boiling	
Potassium hypochlorite, < 20%, 23 °C	
Potassium permanganate	
Premium gasoline	
Propane	
Propanols	
Propionaldehyde	
Propionic acid	
Propylene oxide	
Refrigerants (FCKW, BrFCKW, FKW)	
Refrigerants R 134a	
Resin dispersion, watery	

Salts, melted
Salts, aqueous solutions
Saturated steam
Steam
Sewage
Seawater
Silicone oil
Styrene
Spindle oils
Spirit
Soda, aqueous solutions
Sodium, melted
Sodium dichromate, < 20%
Sodium hypochlorite, < 5%, boiling
Sodium hypochlorite, < 20%, 23° C
Softener
Sulfur, < 115° C
Sulfuric acid, < 7,5%, 23° C
Sulfuric acid, > 7,5%
Sulfur dioxide, dry or moist
Sulfur trioxide
Sulphurous acid < 300° C
Tar
Tar oil
Tetrachlorethylene
Tetrahydrofuran
Tetramethylsilane
Thiophene
Transmission oil
Transformer oils (Base mineral oils)
Trichlorethylene
Toluene
Turpentine
Vegetable oils and fats
Vinyl acetate
Vinyl chloride
Water
Water steam

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Optimization of use thanks to a unique material profile

Good thermal resistance at high temperatures up to 360° C

OHA-Spezial combines the positive sealing properties of graphite and fibers. A very low binder content ensures the reliability and the highest operational safety of ***OHA-Spezial*** and reduces the costs of change and maintenance to a minimum - a worthwhile investment for plant safety.

Enormous adaptability

OHA-Spezial adapts perfectly to flange irregularities due to its material structure. This flexibility allows ***OHA-Spezial*** the use of old flanges - a contribution to cost reduction.

Very high compressive strength

OHA-Spezial provides constant safety over the entire revisions cycle through excellent long-term stability. The high stability and longevity of ***OHA-Spezial*** reduces the "maintenance intervals" - a further contribution to the cost reduction in the maintenance of your plants.

Safe handling thanks to high flexibility

OHA-Spezial is extremely flexible and break-proof thanks to the patented combination of graphite and fibers. Building problems are past.

Large format seals from one piece

OHA-Spezial does not require complex processing steps for special dimensions due to the available formats.

Tool-saving when punching / cutting

OHA-Spezial can be easily further processed by means of the lubricating effect of the graphite portion and the non-existent metal inlays even with the simplest processes.

Installation instructions

Preparation of the sealing surfaces

The sealing surfaces must be thoroughly cleaned of old sealing residues or other impurities before installing a new seal. Oils, greases and sealing pastes should be removed with suitable solvents. For cleaning only use scrapers or scratches which do not cause damage to the sealing surfaces. For round flange surfaces, have work performed in the circumferential direction, by angular surfaces in the longitudinal direction. Care must be taken to ensure that no grooves or gouging are inserted in a spoke-like manner. The sealing surfaces must be free of any mechanical damage. Care must be taken to ensure that no grooves or gouging are inserted in a spoke-like manner. The sealing surfaces must be free of any mechanical damage. Notches, scratches, corrosion damage and slags, etc., should be checked and possibly for planparallelism and ripple by reworking if necessary. Tolerances can not be recommended since the design conditions of the flange connections are very different.

Installation of the seal

The cool and dry stored gaskets must be checked for cracks, surface damage and dimensional accuracy before installation. Gaskets must only be used in the specified dimensions. In the unloaded and stressed state, they are not be allowed to get through into the sealed space. For perforated gaskets, the hole pattern must match that of the flange. If necessary, holes of the seal may only be enlarged with suitable tools (punches, cutting tools, etc.).

Physical characteristics	Test method	Data 2,0 mm	Unit
Density	DIN 53105	ca. 1,0	g/cm³
Compression	ASTM F36J	<50	%
Rebound	ASTM F36J	>5	%
Compressive strength (50 N/mm; 16 h) 300° C	DIN 52913	>30	N/mm²
Compressive strength (50 N/mm; 16 h) 175° C	DIN 52914	>35	N/mm²
Cold upsetting values	DIN 28 090-2	37	%
Cold recovery values	DIN 28 090-2	2,5	%
Warm typeset value	DIN 28 090-2	7	%
Warm recovery value	DIN 28 090-2	1	%
Max. permissible surface pressure	DIN 28 090-1	180	N/mm²
Specific leakage rate	DIN 28 090-2	0,6	(mg/s*m)
Increase in weight STM Oil 3 5h/150° C	ASTM F146	<45	%
Increase in weight Fuel B 3 5h/23° C	ASTM F146	<40	%
Increase in thickness ASTM Oil 3 5h/150° C	ASTM F147	<2,0	%
Increase in thickness Fuel B 5h/23° C	ASTM F147	<2,0	%

Please do not use any additional sealing aids. These can lead to failure of the gasket. The pressure and temperature limits can be found in the corresponding diagrams.

All data are typical values. The transfer into a specification requires a separate agreement.

Under no circumstances should screws be screwed into the gasket, or they may be pierced by force, as cracks may occur which will not ensure a later "tightness".
Centered the seal must be insert without mechanical stress. The proper installation must be ensured for tongue and groove flanges. If necessary, assembly aid, e.g. use flange spreaders. The seal must be installed dry without additional sealing aids. Oil or greasy sealants damage the seal. The seal flows under surface pressure in the installed condition and can in the during operating condition by temperature exposure lead to failure application of the gasket. Despite use of assembly or disassembly aids, the compatibility with the sealing material must be given. The screws must be checked for easy movement before installation. Do not use dry or rusty screws. If necessary, use new screws. It is recommended to coat the threads with the lubricant provided to ensure a smooth running and, thus, the lowest possible friction values. After inserting the gasket, the screws must be installed and tightened so that a play-free contact of the connecting elements is provided. Check the seal centering once again and tighten the screws. Tighten the screws are in two to three passes "over Cross " uniformly to achieve a uniform surface pressure.
In the first stage, the flange screws with approx. 50%, then with approx. 80% and ultimately attracted with 100% of the recommended torque. The tightening should be perceptibly reach until to the maximum tightening force respectively. This ensures a secure and permanent seal. Simply put, the gasket must be compressed by approximately 50%, i.e. a 2 mm thick gasket should be pressed to a endthickness of about 1 mm. This can be very easily controlled via the gap between the flanges. All screws must have the specified tension, therefore the tightening torque must be checked several times. As a minimum surface pressure in the installed state, approximately 30 N / mm^2 must be applied.

Tightening with a torque wrench or more precise methods is recommended but can be restricted to special cases at high pressures and temperatures or critical installation conditions. When these instructions are observed, it is usually not necessary to tighten the seals. If at all a retightening, then only during the start-up phase of the pipeline or system.

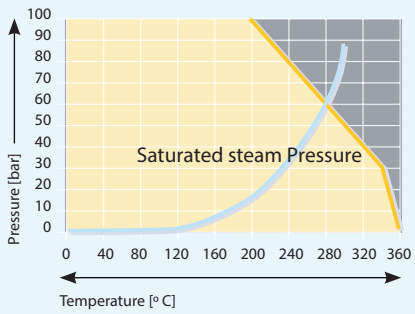
Prevention of case of damage

The compressible and spring-back flat gasket should compensate for unevenness of the flanges, must be media-resistant and temperature-resistant and with stand the loads acting on it by flange screw forces and internal pressure. The most common reasons for the failure of sealing points are:

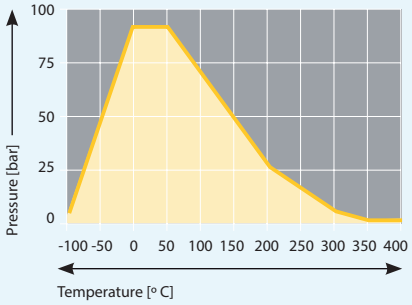
- Use of sealing aids
- Use of assembly and disassembly auxiliaries with function-impairing properties
- Use of overlapping single gaskets
- Reuse of old gaskets
- Choice of the wrong sealing material
- Use of incorrect seal dimensions and faulty seat of seal
- uneven, dirty, damaged or corroded flange surfaces
- Flange sheet deformations, flange blade inclinations
- inadequate installation surface pressure
- uneven load due to screw forces
- Damaged threads on screws and bolts
- Do not grease the screws
- Omitting of washers
- inadequate screw forces (too low sealing pressure)
- weak flanges

Limits of use in the most important media groups depending on pressure and temperature:

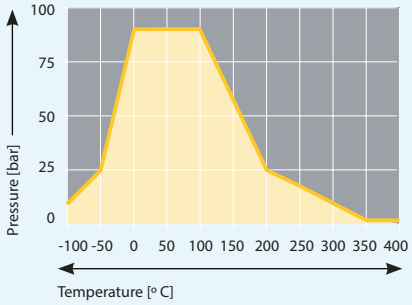
Water, Watersteam



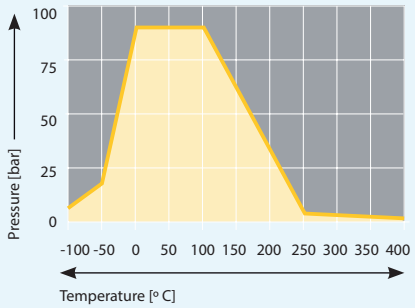
Oil, Refrigerant



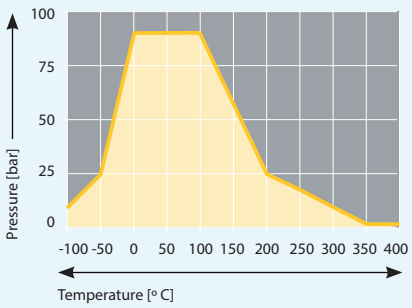
Aqueous solutions



Gases



Various media



The application limits for temperature and pressure in the diagrams apply to a sealing thickness of 2 mm and when using smooth flanges. Roughness depth 40 - 100 µm. Higher stresses are possible with thinner seals.

Disclaimer of Warranties

The versatility of the installation and operating conditions, as well as the application and process technology, can only be regarded as non-binding guidelines in this brochure. All previous editions are hereby invalid. A warranty claim can not therefore be derived.

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Rubber plates

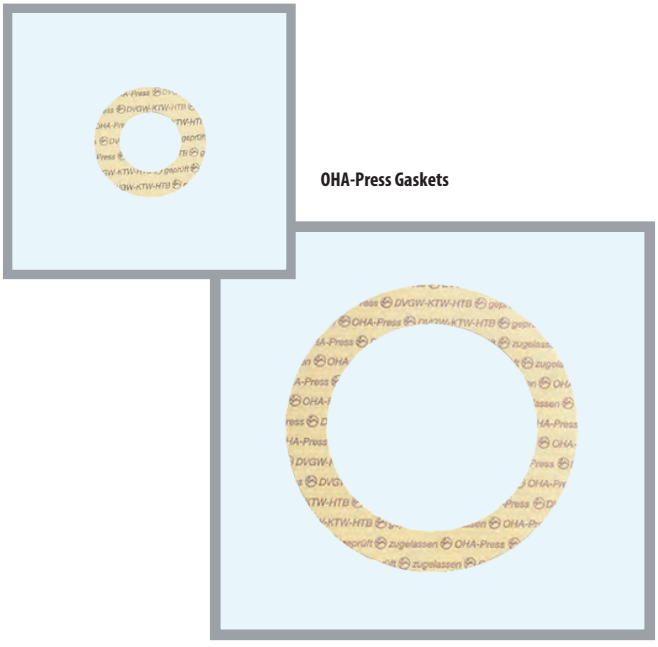
Description	Elastomers	SHORE A	Specific weight	Temperature	Special features
179640 brown	NR	35	ca. 0,97	– 40° bis +70 °C	very elastic para-quality, good mechanical values
171250 black	NR/SBR	50	ca. 1,30	– 20° bis +70 °C	soft sealing quality
134065 black	SBR	70	ca. 1,50	– 20° bis +70 °C	Standard quality, without special requirements
284065 bright	NR/SBR	60	ca. 1,50	– 20° bis +70 °C	suitable for food (non-fat)
171943 black	NBR	50	ca. 1,45	– 30° bis +100 °C	soft, oil resistant quality
172065 black	NBR	60 od. 65	ca. 1,45	– 10° bis +70 °C	resistant to oil and petrol
124182 black	NBR	80	ca. 1,35	– 5° bis +50 °C	DVGW-approved seal quality
173450 black	CR/SBR	50	ca. 1,30	– 20° bis +70 °C	weather and oil resistant
364160 black	CR/SBR	60	ca. 1,40	– 10° bis +70 °C	weather-, alkali- and acid-resistant
361465 black	EPDM	70	ca. 1,25	– 30° bis +100 °C	particularly age-resistant
Viton® black	FKM/NBR	75	ca. 1,85	– 40° bis +140 °C	good chemical resistance
Polyurethane natural	AU/EU	70/80/90	ca. 1,25	– 30° bis +80 °C	particularly good mechanical properties, wear-resistant

Cellular rubber and moss rubber

Moss rubber	NRCR	dark grey oder bright, on both sides with skin
Moss rubber	CR	dark grey oder bright, on both sides with skin
Cellular rubber	NKG/EPDM	black oder grey, without skin or on one side with skin
Cellular rubber	SKG CR/SBR	black oder grey, without skin or on one side with skin
Cellular rubber	SKG CR	black oder grey, without skin or on one side with skin free from unbound sulfur / low sulfur

OTHER SEALING MATERIALS

- Abil®- Fiber sealing material
- OHA-Plan
- Felt
- Rubber Cork
- Hard paper
- Cork
- Makrolon®
- Pasteboard
- Polyamide®
- Hostaphan®
- PVC (hard and soft)
- Sponge rubber
- PTFE
- Vulcanized fiber
- Polyethylene



OHA-Press Gaskets

Please note before installation:

1. check the sealing surface for damage:
• No scratches or marks
• No damage to the sealing surfac
• Burr-free sealing surfac
• No sharp edges on the sealing surface

Or other damage that could negatively affect the sealing properties.

2. check the sealing:
• Do not install a damaged se
• The seals must not be torn
• No damaged sealing surface
• Do not use deformed gaskets

3. Installation:
Insert the seal into the gland and check that the dimensions of the seal match the dimensions of the sealing surface. Seals that are too small cause leakage, seals that are too large are compressed and also cause leakage. Check plane-parallelism of the connection - Assembly without misalignment.

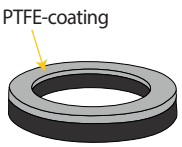
The PTFE coated side is on the side of the joint from which the rotary movement originates.

Tighten the connections to the specified tightening torque (do not overtighten, as the seal is squeezed and this causes leakage). After commissioning the system, check all connections for leaks. In case of leaking connections, switch off the system and eliminate the excess pressure. After the connection has cooled down, it can easily be tightened.

After re-starting the system, check the connection for leaks again. If the connection repeatedly leaking, the connection must be checked according to the above-mentioned points.

No use of lubricants or sealing pastes in combination with solar seals. Clean the sealing surfaces from impurities.

Item No.	Size	Dimensions	Tightening torque	Maximum overpressure
8950	⅜"	9 x 15 x 2 mm	5 Nm	7 bar
8951	½"	12 x 18 x 2 mm	5 Nm	7 bar
8952	¾"	17 x 24 x 2 mm	7 Nm	7 bar
8953	1"	23 x 30 x 2 mm	7 Nm	7 bar



Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

Requirements for storage, cleaning and maintenance

1 Scope of application

The following requirements apply to products made of rubber and rubber in pure and composite form (i.e. elastomers made of natural rubber and / or synthetic rubber). These requirements also apply to products made of unvulcanized rubber mixtures, adhesives and solutions with rubber. These requirements are mainly applicable to long-term storage, which is generally longer than 6 months. As long as the appearance and function of the products are not adversely affected, the requirements of this standard are also for short - term storage (less than 6 months) up to the general requirements for a storage space, e.g. such as in production and delivery plants with running material outflow - applicable.

2 General information

By effect e.g. Oxygen, ozone, heat, light, moisture, solvent or storage under tension is generally known that the most of the rubber and rubber products change due to their physical properties. However, these changes can also be caused by unfavorable storage conditions and by improper handling of the products.

3 Storage

The following conditions are to be applied to a storage for rubber and rubber products: it should be cool, dry, low in dust and moderately vented. Inadmissible is a weather-proof storage in the open air.

3.1 Temperature - For a proper storage of rubber and rubber products, the temperature is depending on the material to be stored and the elastomers used. For example, Rubber products must not fall below a temperature of -10° C and do not exceed +15° C when stored. The upper limit may be exceeded up to +25° C, whereby it must be taken into account that the ambient temperatures are permissible only at short notice. For rubber products of certain types of rubber (chloroprene rubber), a storage temperature of +12° C may be required, which must under no circumstances be exceeded.

3.2 Heater - Against heat sources in heated storage areas the rubber and rubber products must be a distance of 1m between the heat sources and the stored goods to shield.

3.3 Humidity - It should be avoided that rubber and chewing products are stored in damp storage rooms. In particular, care must be taken that condensation can not occur in these rooms. The best relative humidity of 65% is recommended.

3.4 Light effect - Rubber and rubber products should be protected from direct sunlight and strong artificial light with a high ultraviolet proportion.

3.5 Oxygen and ozone - In particular, products with a large surface area in relation to the volume (rubberized or cellular articles) absolutely should be protected against air exchange (drafts). This can be done by wrapping the products or by storing them in airtight containers.

Storage rooms must not contain equipment such as Electric motors or other devices. The reason for this is that these facilities produce ozone and can generate sparks or other electrical discharges due to their function. It is also important to remove combustion gases and vapors which can lead to ozone formation through photochemical processes.

3.6 Other - Under no circumstances can products such as solvents, fuels, lubricants, chemicals, acids, disinfectants and the like be stored in storage rooms for rubber and rubber products.

4 Storage and handling

Since stresses can promote a permanent deformation as well as a crack formation, care must be taken in particular that the rubber and rubber products are without subjected to tensile, compressive or other deformations, i.e. unstressed be stored. Rubber and rubber products must not be in contact with metals such as Copper and manganese, since these metals have a damaging effect on the rubber and rubber products. Therefore the products must be protected. This can be done by packing or by finishing with a Layer of a suitable substance, e.g. antistatic films or bags of paper, polyethylene or polyamides (nylon). Particularly in the case of rubber products with different colors or in the case of products with different composition, mutual contact must be avoided. Should new products be added to a warehouse, these should be stored separately from the ones already available. It would be beneficial if the storage time was as short as possible.

4.1 Storage of other rubber articles - If plates and strips flat stored, they must with their all entire surface lay on. However they can also stored as rolls. Rubberized fabrics must be suspended in rolls. It is also important to ensure that cables and cords are to be stored in roll collars (but not stacked on each other) or suspended or stored on rollers or coiler. Hoses must be stored in roll bunds or in a long-stretched manner. The storage of seals, buffers, rubber-metal connections has been made in such a way that deformation is excluded. Particular attention is to be paid to cellular articles. Rubber products for food are to be stored in odorless rooms.

4.2 Storage of rubber solutions and adhesives - Rubber solutions and adhesives must be stored in sealed containers and in a cool place. The professional cooperative accident prevention regulations and fire safety regulations must be strictly adhered to, as solutions are usually flammable and harmful to health.

5 Cleaning and maintenance

Rubber products can be cleaned with warm water and soap and then dried at room temperature. If the products are stored for a prolonged period (6 to 8 months), cleaning with 1.5% sodium bicarbonate solution is possible. The remainder of the cleaning liquid must be rinsed with water. In no case you can solvents such as trychlorethylene, carbon tetrachloride, hydrocarbons, etc. and tools such as wire brushes or abrasive paper may be used for cleaning the products.

1. The dimensions in this catalog are non-binding and are subject to factory and / or material tolerance, possibly later technical modifications / improvements as well as further assembly possibilities we reserve ourselves.
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... that we have developed our product range with hoses especially for the sanitary and heating requirements?

i.e. we have deliberately aside from from offering you so-called "home improvement qualities". You can of course also use our water hoses for garden irrigation.

Guidelines for the intended use for hoses.

In order to ensure an unproblematic and at any time trouble-free stakes of our product range tubing, please observe the following instructions.

1. Hose connections are designed for temporary use and must not take over a permanent installation function.

2. Hoses must always be tension-free, tight bending radius and kinks must be avoided as well as tensile loads.

3. Hoses are not to be subjected to mechanical stress, e.g. by complaining about objects.

4. Hoses must be installed in such a way that rolling over with a vehicle tire is not possible.

5. Tubes are conceive for static loads, a dynamic load such as frequent movement must be checked and released beforehand.

6. Check hoses regularly for external damage and keep pressureless by unattended. For inspection, hoses has to be always free accessible .

7. Hoses has to be always be used within the specific, physical and chemical conditions.

8. Inlet and outlet for washing machines and dish-washers as well as applications of the same type has to be replaced at the latest after 6 years.

9. In case of doubt and special installation conditions, therefore, the user's own trys are essential.

10. A proper storage and handling is necessary in order to achieve the greatest possible service life and long serviceability of hoses. Please make sure that hoses will be not pressed or kink and protected against sun and / or UV radiation.



11. Hoses must generally to be used according to the specified specification. If however use the hoses in other way e.g. supply hose for washing machines to other machines we wont give any warranty.

12. All permanently mounted hoses, such as inlet and outlet hoses, must be checked for leaks after installation. The leak test is to be repeated at regular intervals of three months.

We kindly ask you to observe these instructions in order to ensure a problem-free use of our products at all times.

Illustrations, dimensions and descriptions are not binding. We reserve the right to make technical changes!

1. Construction plug with brass thread

1.1 All ***brass construction plugs*** shall be tightened with a hexagon socket to ensure tightness.

2. Construction plug with brass or PPSU thread

2.1 For long-term use over 60 days, the ***construction plug*** must be retightened to the specified tightening torque.
Tightening torque: 5 Nm

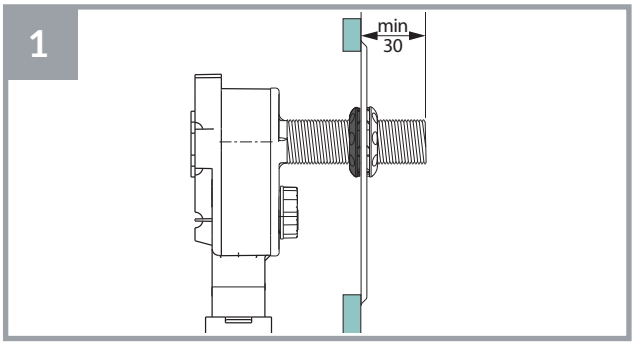
3. Construction plug with PP plastic thread

3.1 Only suitable for single use. Replace construction plug after 14 days at the latest.
Tightening torque: 5 Nm

4. Flush-mounted device Siphons #2028, #2070, #2074 & #2425

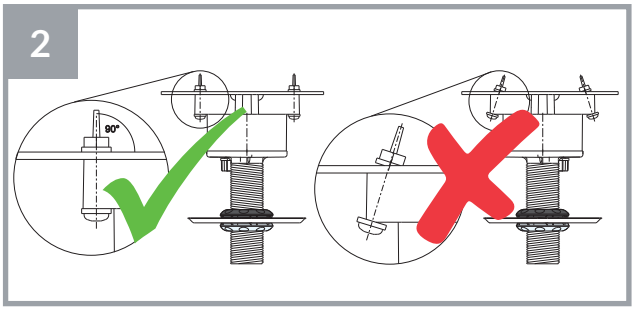
4.1 The ***siphon*** must be installed as vertically as possible on a level and plane-parallel ***substrate***, unconditionally stress and ***vibration-free*** decoupled.
4.2 The temperature at the construction site ***must*** not be ***below 0 °C.*** The siphon itself must also not have been ***stored*** at a temperature ***below 0° before installation.***
4.3 The washing machine connection must be shortened so that no leverage can act on the siphon. The ***hose*** must ***not be*** subjected to ***any tensile load.***
4.4 We recommend the ***use*** of an additional ***mounting rail (# 3859)*** during installation.
4.5 Make sure that the ***cleaning opening*** is properly ***closed*** and that the seal is ***correctly seated***.
4.6 Only use our mounting set (# 2151). ***Do not use countersunk screws*** or ***screws*** that are ***too strong.***
4.7 First mount the black adjusting nut in the position shown ***(Fig. 1)*** to adjust the stainless steel cover plate. Tighten the supplied nut ***(Fig. 1)*** only to a maximum hand tightness and avoid in any case a tensile load on the connection piece or a deflection of the cover plate.

1



4.8 ***Only use original parts from Otto Haas KG.***
4.9 ***Max. Tightening torque 1Nm*** for the lateral fastening screws.
4.10 The ***max.*** permissible operating ***pressure*** of the siphon is ***0.1 bar*** (1m water column) according to DIN 19541.
4.11 The ***maximum*** permissible ***water temperature*** is ***90 °C*** for an admission time of 5 minutes.
4.12 ***Pre-assembly of the flush-mounted siphons in register construction is strongly discouraged. Any liability for transport damage to and on construction sites to the siphons on these pre-assembled registers is expressly excluded.***
4.13 ***Please check the siphon for leaks!***
4.14 ***This is a revision part. Please check the siphon annually for proper functioning.***
4.15 Compliance with our installation instructions is a prerequisite for asserting warranty claims on the basis of our Terms and Conditions of Sale and Delivery. Current version(Conditions of sale and delivery, installation instructions) at: www.haas.de

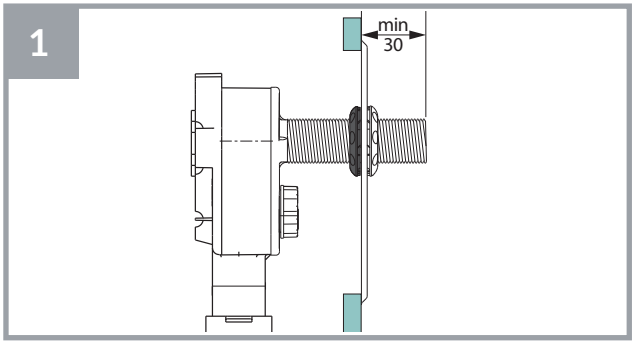
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5. Flush-mounted device Siphons #2072, #4050, #4060 & #4070

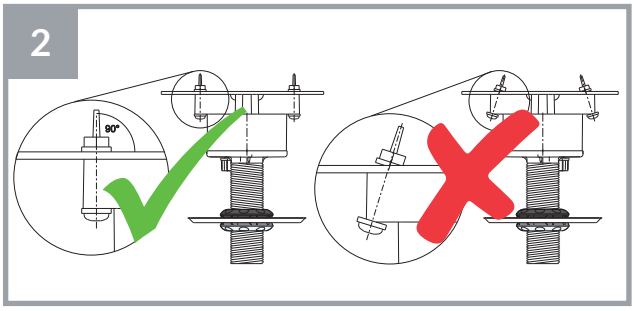
5.1 The ***siphon*** must be installed as vertically as possible on a level and plane-parallel ***substrate***, unconditionally stress and ***vibration-free*** decoupled.
5.2 The temperature at the construction site ***must*** not be ***below 0 °C.*** The siphon itself must also not have been ***stored*** at a temperature ***below 0° before installation.***
5.3 The washing machine connection must be shortened so that no leverage can act on the siphon. The ***hose*** must ***not be*** subjected to ***any tensile load.***
5.4 We recommend ***using*** the ***enclosed mounting plate (#6275)*** for mounting on a ***mounting rail (# 3859)***.
5.5 Make sure that the ***cleaning opening*** is properly ***closed*** and that the seal is ***correctly seated***.
5.6 Only use our mounting set (# 2151). ***Do not use countersunk screws*** or ***screws*** that are ***too strong.***
5.7 First mount the black adjusting nut in the position shown ***(Fig. 1)*** to adjust the stainless steel cover plate. Tighten the supplied nut ***(Fig. 1)*** only to a maximum hand tightness and avoid in any case a tensile load on the connection piece or a deflection of the cover plate.

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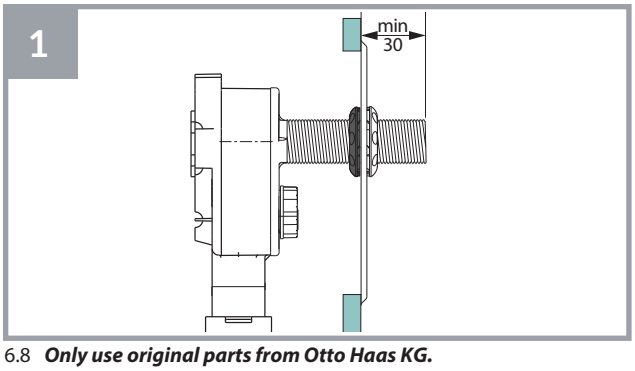
5.8 ***Only use original parts from Otto Haas KG.***
5.9 ***Max. Tightening torque 1Nm*** for the lateral fastening screws.
5.10 The ***max.*** permissible operating ***pressure*** of the siphon is ***0.1 bar*** (1m water column) according to DIN 19541.
5.11 The ***maximum*** permissible ***water temperature*** is ***90 °C*** for an admission time of 5 minutes.
5.12 ***Pre-assembly of the flush-mounted siphons in register construction is strongly discouraged. Any liability for transport damage to and on construction sites to the siphons on these pre-assembled registers is expressly excluded.***
5.13 ***Please check the siphon for leaks!***
5.14 ***This is a revision part. Please check the siphon annually for proper functioning.***

5.15 Compliance with our installation instructions is a prerequisite for asserting warranty claims on the basis of our Terms and Conditions of Sale and Delivery. Current version(Conditions of sale and delivery, installation instructions) at: www.haas.de

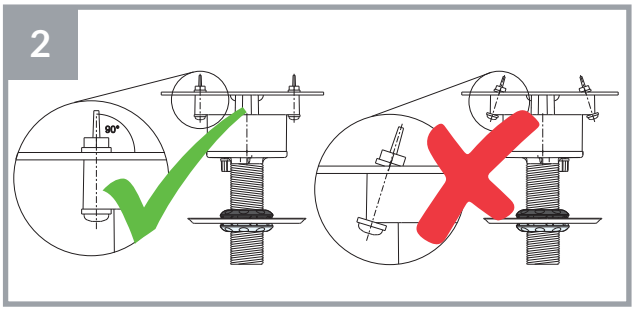


6. Flush-mounted device Siphons #3505, #3506 & #4400

6.1 The ***siphon*** must be installed as vertically as possible on a level and plane-parallel ***substrate***, unconditionally stress and ***vibration-free*** decoupled.
6.2 The temperature at the construction site ***must*** not be ***below 0 °C.*** The siphon itself must also not have been ***stored*** at a temperature ***below 0° before installation.***
6.3 The washing machine connection must be shortened so that no leverage can act on the siphon. The ***hose*** must ***not be*** subjected to ***any tensile load.***
6.4 Wir empfehlen bei der Montage zusätzlich die ***Verwendung*** der ***Montageplatte (#6275)*** zur Befestigung auf einer ***Montageschiene (# 3859)***.
6.5 Make sure that the ***cleaning opening*** is properly ***closed*** and that the seal is ***correctly seated***.
6.6 Only use our mounting set (# 2151). ***Do not use countersunk screws*** or ***screws*** that are ***too strong.***
6.7 First mount the black adjusting nut in the position shown ***(Fig. 1)*** to adjust the stainless steel cover plate. Tighten the supplied nut ***(Fig. 1)*** only to a maximum hand tightness and avoid in any case a tensile load on the connection piece or a deflection of the cover plate.

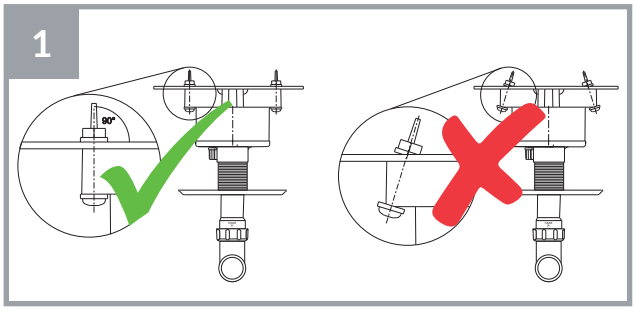


6.8 ***Only use original parts from Otto Haas KG.***
6.9 ***Max. Tightening torque 1Nm*** for the lateral fastening screws.
6.10 The ***max.*** permissible operating ***pressure*** of the siphon is ***0.1 bar*** (1m water column) according to DIN 19541.
6.11 The ***maximum*** permissible ***water temperature*** is ***90 °C*** for an admission time of 5 minutes.
6.12 ***Pre-assembly of the flush-mounted siphons in register construction is strongly discouraged. Any liability for transport damage to and on construction sites to the siphons on these pre-assembled registers is expressly excluded.***
6.13 ***Please check the siphon for leaks!***
6.14 ***This is a revision part. Please check the siphon annually for proper functioning.***
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7. Flush-mounted device Siphons #3000, #3500, #3700 & #4301

7.1 The ***siphon*** must be installed as vertically as possible on a level and plane-parallel ***substrate***, unconditionally stress and ***vibration-free*** decoupled.
7.2 The temperature at the construction site ***must*** not be ***below 0 °C.*** The siphon itself must also not have been ***stored*** at a temperature ***below 0° before installation.***
7.3 We recommend additionally using the ***mounting plate (#6275)*** for mounting on a ***mounting rail (# 3859)*** during installation.
7.4 Only use our mounting set (# 2151). ***Do not use countersunk screws*** or ***screws*** that are ***too strong.***
7.5 ***Only use original parts from Otto Haas KG.***
7.6 ***Max. Tightening torque 1Nm*** for the lateral fastening screws.
7.7 The ***max.*** permissible operating ***pressure*** of the siphon is ***0.1 bar*** (1m water column) according to DIN 19541.
7.8 The ***maximum*** permissible ***water temperature*** is ***90 °C*** for an admission time of 5 minutes.
7.9 ***Pre-assembly of the flush-mounted siphons in register construction is strongly discouraged. Any liability for transport damage to and on construction sites to the siphons on these pre-assembled registers is expressly excluded.***
7.10 ***Please check the siphon for leaks!***
7.11 ***This is a revision part. Please check the siphon annually for proper functioning.***
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8. Flush-mounted device Siphon #4300

8.1 The ***siphon*** must be installed as vertically as possible on a level and plane-parallel ***substrate***, unconditionally stress and ***vibration-free*** decoupled.

8.2 The temperature at the construction site ***must*** not be ***below 0 °C.*** The siphon itself must also not have been ***stored*** at a temperature ***below 0° before installation.***

8.3 We recommend additionally using the ***mounting plate (#6275)*** for mounting on a ***mounting rail (# 3859)*** during installation.

8.4 Only use our mounting set (# 2151). ***Do not use countersunk screws*** or ***screws*** that are ***too strong.***

8.5 ***Only use original parts from Otto Haas KG.***

8.6 ***Max. Tightening torque 1Nm*** for the lateral fastening screws.

8.7 The ***max.*** permissible operating ***pressure*** of the siphon is ***0.1 bar*** (1m water column) according to DIN 19541.

8.8 The ***maximum*** permissible ***water temperature*** is ***90 °C*** for an admission time of 5 minutes.

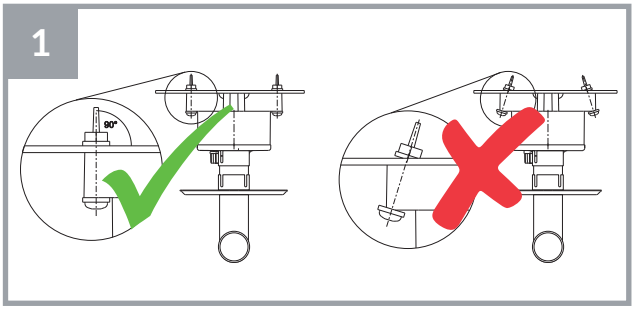
8.9 ***Pre-assembly of the flush-mounted siphons in register construction is strongly discouraged. Any liability for transport damage to and on construction sites to the siphons on these pre-assembled registers is expressly excluded.***

8.10 ***Please check the siphon for leaks!***

8.11 ***This is a revision part. Please check the siphon annually for proper functioning.***

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