4pipes

+12%
surcharge
from 20th of April 2026
until further notice

INNOVATIVE **PRODUCTS** FOR **PIPELINE CONSTRUCTIONS**

PRICELIST 2026

to content

GERMAN QUALITY
DIN EN ISO 9001:2015 CERTIFIED

+12% surcharge from 20th of April 2026 until further notice

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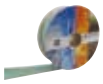	STOPAQ Corrosion Protection and Filling Compound		600	55
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General information

Minimum order value:	100,00 € netto net goods value
Handling for oders under 100€ net value:	25,00 €
Delivery outside Germany:	ex works
Express delivery:	ex works
Delivery Rubber-steel gaskets type RSG from incl. DN 1200:	ex works

Prices exclusive VAT.

Return of goods:

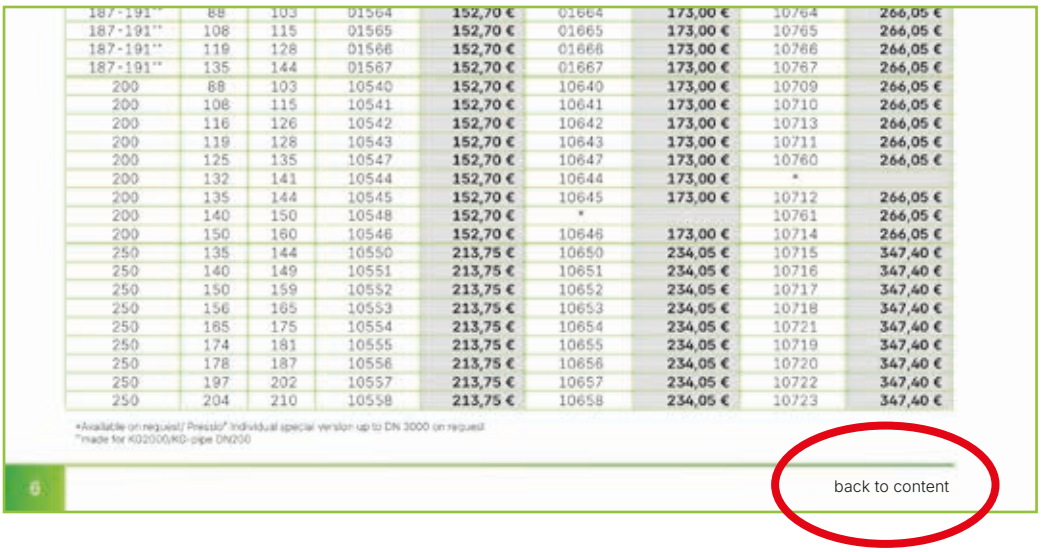
- Return shipments must be in resellable condition
- Returns must be notified and confirmed in advance
- The 4 pipes return-form must be attached to the return shipment
- Individual and individually assembled products are not returnable in any case

All previous pricelists loose vality with this version.

Have to navigate through this active PDF file

- Just click on a product group in the contents to jump directly to its page
- With a click on the product information button, you can easily access the relevant product information on our

- Click on the text “back to contents“ (on each page in lower right corner) to return to contents



+12% surcharge from 20th of April 2026 until further notice

Product group 200

All versions are made against pressing water			Standard		Split version		District heating	
Core hole/ wallsleeve	**Carrier pipe OD in mm**		**Stainless steel pressure plates, Bolts V2A, Rubber 1 × 40 mm EPDM**		**Stainless steel pressure plates, split Version, bolts V2A, Rubber 1 × 40 mm EPDM**		**Stainless steel pressure plates, bolts V2A, Rubber 2 × 40 mm EPDM**	
mm	**min.**	**max.**	**Art.No.**	**€/pcs**	**Art.No.**	**€/pcs**	**Art.No.**	**€/pcs**
50	6	12	10500	**33,30 €**	10600	**36,65 €**	-	
70	10	22	10505	**33,75 €**	10605	**39,30 €**	-	
70	24	32	10506	**33,75 €**	10606	**39,30 €**	*	
70	32	41	10507	**33,75 €**	10607	**39,30 €**	*	
80	20	28	10510	**39,30 €**	10610	**46,70 €**	*	
80	28	32	10514	**39,30 €**	10614	**46,70 €**	*	
80	32	40	10511	**39,30 €**	10611	**46,70 €**	*	
80	40	50	10512	**39,30 €**	10612	**46,70 €**	-	
100	15	22	10515	**56,10 €**	10615	**67,15 €**	-	
100	20	28	10516	**56,10 €**	10616	**67,15 €**	*	
100	25	32	10517	**56,10 €**	10617	**67,15 €**	*	
100	32	40	10518	**56,10 €**	10618	**67,15 €**	*	
100	36	44	10519	**56,10 €**	10619	**67,15 €**	*	
100	41	51	10489	**56,10 €**	-	**-**	*	
100	46	56	10520	**56,10 €**	10620	**67,15 €**	*	
100	55	65	10521	**56,10 €**	10621	**67,15 €**	*	
125	35	40	10523	**78,15 €**	10623	**89,35 €**	-	
125	45	50	10524	**78,15 €**	10624	**89,35 €**	-	
125	55	64	10525	**78,15 €**	10625	**89,35 €**	10702	**180,30 €**
125	61	70	10526	**78,15 €**	10626	**89,35 €**	10700	**180,30 €**
125	70	78	10527	**78,15 €**	10627	**89,35 €**	10701	**180,30 €**
150	35	40	10529	**111,25 €**	10629	**128,00 €**	-	
150	46	54	10530	**111,25 €**	10630	**128,00 €**	10703	**222,40 €**
150	56	66	10531	**111,25 €**	10631	**128,00 €**	10704	**222,40 €**
150	69	78	10532	**111,25 €**	10632	**128,00 €**	10705	**222,40 €**
150	79	91	10533	**111,25 €**	10633	**128,00 €**	10708	**222,40 €**
150	85	94	10534	**111,25 €**	10634	**128,00 €**	10706	**222,40 €**
150	90	97	10536	**111,25 €**	10636	**128,00 €**	10745	**222,40 €**
150	98	110	10535	**111,25 €**	10635	**128,00 €**	10707	**222,40 €**
150	110	114,3	10537	**111,25 €**	10637	**128,00 €**	10762	**222,40 €**
187-191**	69	78	01563	**152,70 €**	01663	**173,00 €**	10763	**266,05 €**
187-191**	88	103	01564	**152,70 €**	01664	**173,00 €**	10764	**266,05 €**
187-191**	108	115	01565	**152,70 €**	01665	**173,00 €**	10765	**266,05 €**
187-191**	119	128	01566	**152,70 €**	01666	**173,00 €**	10766	**266,05 €**
187-191**	135	144	01567	**152,70 €**	01667	**173,00 €**	10767	**266,05 €**
200	88	103	10540	**152,70 €**	10640	**173,00 €**	10709	**266,05 €**
200	108	115	10541	**152,70 €**	10641	**173,00 €**	10710	**266,05 €**
200	116	126	10542	**152,70 €**	10642	**173,00 €**	10713	**266,05 €**
200	119	128	10543	**152,70 €**	10643	**173,00 €**	10711	**266,05 €**
200	125	135	10547	**152,70 €**	10647	**173,00 €**	10760	**266,05 €**
200	132	141	10544	**152,70 €**	10644	**173,00 €**	*	
200	135	144	10545	**152,70 €**	10645	**173,00 €**	10712	**266,05 €**
200	140	150	10548	**152,70 €**	*		10761	**266,05 €**
200	150	160	10546	**152,70 €**	10646	**173,00 €**	10714	**266,05 €**
250	135	144	10550	**213,75 €**	10650	**234,05 €**	10715	**347,40 €**
250	140	149	10551	**213,75 €**	10651	**234,05 €**	10716	**347,40 €**
250	150	159	10552	**213,75 €**	10652	**234,05 €**	10717	**347,40 €**
250	156	165	10553	**213,75 €**	10653	**234,05 €**	10718	**347,40 €**
250	165	175	10554	**213,75 €**	10654	**234,05 €**	10721	**347,40 €**
250	174	181	10555	**213,75 €**	10655	**234,05 €**	10719	**347,40 €**
250	178	187	10556	**213,75 €**	10656	**234,05 €**	10720	**347,40 €**
250	197	202	10557	**213,75 €**	10657	**234,05 €**	10722	**347,40 €**
250	204	210	10558	**213,75 €**	10658	**234,05 €**	10723	**347,40 €**

*Available on request/ Pressio® Individual special version up to DN 3000 on request
**made for KG2000/KG-pipe DN200

Product group 200

All versions are made against pressing water			Standard		Split version		District heating	
Core hole/ wallsleeve	Carrier pipe OD in mm		Stainless steel pressure plates, Bolts V2A, Rubber 1 × 40 mm EPDM		Stainless steel pressure plates, split Version, bolts V2A, Rubber 1 × 40 mm EPDM		Stainless steel pressure plates, bolts V2A, Rubber 2 × 40 mm EPDM	
mm	min.	max.	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs
300	178	187	10565	**281,90 €**	10665	**325,55 €**	10725	**453,45 €**
300	193	204	10566	**281,90 €**	10666	**325,55 €**	10726	**453,45 €**
300	198	207	10567	**281,90 €**	10667	**325,55 €**	10727	**453,45 €**
300	218	226	10568	**281,90 €**	10668	**325,55 €**	10728	**453,45 €**
300	224	233	10564	**281,90 €**	10664	**325,55 €**	10724	**453,45 €**
300	242	251	10569	**281,90 €**	10669	**325,55 €**	10729	**453,45 €**
350	224	233	10570	**335,80 €**	10670	**385,05 €**	10730	**558,00 €**
350	233	243	10574	**335,80 €**	10674	**385,05 €**	10759	**558,00 €**
350	249	258	10571	**335,80 €**	10671	**385,05 €**	10731	**558,00 €**
350	270	282	10572	**335,80 €**	10672	**385,05 €**	10732	**558,00 €**
350	279	288	10573	**335,80 €**	10673	**385,05 €**	10733	**558,00 €**
400	270	280	10575	**454,90 €**	10675	**526,10 €**	10734	**701,85 €**
400	279	288	10576	**454,90 €**	10676	**526,10 €**	10735	**701,85 €**
400	304	313	10577	**454,90 €**	10677	**526,10 €**	10736	**701,85 €**
400	314	323	10578	**454,90 €**	10678	**526,10 €**	10737	**701,85 €**
400	320	330	10579	**454,90 €**	10679	**526,10 €**	10738	**701,85 €**
500	354	364	01582	**719,25 €**	01682	**826,85 €**	10750	**1.078,90 €**
500	392	402	01583	**719,25 €**	01683	**826,85 €**	10752	**1.078,90 €**
500	400	412	01584	**719,25 €**	01684	**826,85 €**	10751	**1.078,90 €**
500	421	431	01585	**719,25 €**	01685	**826,85 €**	*	
600	450	464	01588	**860,20 €**	01688	**989,25 €**	10755	**1.293,15 €**
600	494	504	01589	**860,20 €**	01689	**989,25 €**	*	
600	500	515	01590	**860,20 €**	01690	**989,25 €**	10756	**1.293,15 €**
600	524	534	01591	**860,20 €**	01691	**989,25 €**	*	

*Available on request/ Pressio® Individual/ special version up to DN 3000 on request

+12% surcharge from 20th of April 2026 until further notice

Product group 200

All versions are made against pressing water			S316 Ti		Drinking water		Blind	
Core hole/ wallsleeve	Carrier pipe OD in mm		Stainless steel pressure plates and bolts S316 Ti rubber: EPDM		Stainless steel pressure plates and bolts S304, rubber: EPDM with KTW/W 270**		Blind stainless steel pressure plates, bolts S304, rubber: EPDM	
mm	min.	max.	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs
50	6	12	10300	**40,00 €**	10800	**83,75 €**	10585	**33,30 €**
70	10	22	10305	**40,45 €**	10805	**85,80 €**	10586	**33,75 €**
70	24	32	10306	**40,45 €**	10806	**85,80 €**		
70	32	41	10307	**40,45 €**	10807	**85,80 €**		
80	20	28	10310	**47,20 €**	10810	**151,25 €**	10587	**39,30 €**
80	32	40	10311	**47,20 €**	10811	**151,25 €**		
100	15	22	10315	**67,30 €**	10815	**158,50 €**	10596	**56,10 €**
100	20	28	10316	**67,30 €**	10816	**158,50 €**		
100	25	32	10317	**67,30 €**	10817	**158,50 €**		
100	32	40	10318	**67,30 €**	10818	**158,50 €**		
100	36	44	10319	**67,30 €**	10819	**158,50 €**		
100	46	56	10320	**67,30 €**	10820	**158,50 €**		
100	55	65	10321	**67,30 €**	10821	**158,50 €**		
125	55	64	10325	**93,75 €**	10825	**199,95 €**	10597	**78,15 €**
125	61	70	10326	**93,75 €**	10826	**199,95 €**		
125	70	78	10327	**93,75 €**	10827	**199,95 €**		
150	46	54	10330	**133,50 €**	10830	**225,35 €**	10598	**111,25 €**
150	56	66	10331	**133,50 €**	10831	**225,35 €**		
150	69	78	10332	**133,50 €**	10832	**225,35 €**		
150	79	91	10333	**133,50 €**	10833	**225,35 €**		
150	85	94	10334	**133,50 €**	10834	**225,35 €**		
150	98	110	10335	**133,50 €**	10835	**225,35 €**		
200	88	103	10340	**183,15 €**	10840	**324,90 €**	10591	**152,70 €**
200	108	115	10341	**183,15 €**	10841	**324,90 €**		
200	116	126	10342	**183,15 €**	10842	**324,90 €**		
200	119	128	10343	**183,15 €**	10843	**324,90 €**		
200	132	141	10344	**183,15 €**	10844	**324,90 €**		
200	135	144	10345	**183,15 €**	10845	**324,90 €**		
200	150	160	10346	**183,15 €**	10846	**324,90 €**		
250	135	144	10350	**256,40 €**	10850	**435,95 €**	10592	**463,90 €**
250	140	149	10351	**256,40 €**	10851	**435,95 €**		
250	150	159	10352	**256,40 €**	10852	**435,95 €**		
250	156	165	10353	**256,40 €**	10853	**435,95 €**		
250	165	175	10354	**256,40 €**	10854	**435,95 €**		
250	174	181	10355	**256,40 €**	10855	**435,95 €**		
250	178	187	10356	**256,40 €**	10856	**435,95 €**		
250	197	202	10357	**256,40 €**	10857	**435,95 €**		
250	204	210	10358	**256,40 €**	10858	**435,95 €**		

*Available on request / Pressio® individual special version up to DN 3000 on request
Rubber quality: NBR and EPDM for Pressio® seal with split version on request

Attention: KTW/W270 Pressio-Rings no stock items, please note delivery times!

Product group 200

All versions are made against pressing water			S316 Ti		Drinking water		Blind	
Core hole/ wallsleeve	Carrier pipe OD in mm		Stainless steel pressure plates and bolts S316 Ti rubber: EPDM		Stainless steel pressure plates and bolts S304, rubber: EPDM with KTW/W 270**		Blind stainless steel pressure plates, bolts S304, rubber: EPDM	
mm	min.	max.	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs
300	178	187	10365	**338,40 €**	10865	**607,45 €**	10593	**678,95 €**
300	193	204	10366	**338,40 €**	10866	**607,45 €**		
300	198	207	10367	**338,40 €**	10867	**607,45 €**		
300	218	226	10368	**338,40 €**	10868	**607,45 €**		
350	224	233	10370	**402,85 €**	10870	**733,80 €**	10594	**825,45 €**
350	249	258	10371	**402,85 €**	10871	**733,80 €**		
350	270	282	10372	**402,85 €**	10872	**733,80 €**		
400	270	280	10375	**545,90 €**	10875	**919,85 €**	10595	**978,05 €**
400	279	288	10376	**545,90 €**	10876	**919,85 €**		
400	304	313	10377	**545,90 €**	10877	**919,85 €**		
400	314	323	10378	**545,90 €**	10878	**919,85 €**		
400	320	330	10379	**545,90 €**	10879	**919,85 €**		
500	354	364	01382	**863,10 €**	10882	**1.336,80 €**	*	
500	392	402	01383	**863,10 €**	10883	**1.336,80 €**		
500	400	412	01384	**863,10 €**	10884	**1.336,80 €**		
500	421	431	01385	**863,10 €**	10885	**1.336,80 €**		
600	450	464	01388	**1.032,30 €**	10888	**1.816,25 €**	*	
600	494	504	01389	**1.032,30 €**	10889	**1.816,25 €**		
600	500	515	01390	**1.032,30 €**	10890	**1.816,25 €**		
600	524	534	01391	**1.032,30 €**	10891	**1.816,25 €**		

*Available on request / Pressio® individual special version up to DN 3000 on request
Rubber quality: NBR and EPDM for Pressio® seal with split version on request

Attention: KTW/W270 Pressio-Rings no stock items, please note delivery times!

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Product group 200

* incl. blind plugs			Pressio-Rings with 2× 6-16 mm* extra outlets Rubber width 1 x 40 mm EPDM		Pressio-Rings with 2× 6-16 mm* extra outlets Rubber width 2 × 40 mm EPDM	
OD	Carrier pipe					
mm	min.	max.	Art-No.	€/pcs	Art-No.	€/pcs
150	69	78	01500	**128,00 €**	01700	**255,85 €**
150	85	94	01501	**128,00 €**	01701	**255,85 €**
200	108	115	01502	**173,00 €**	01702	**305,90 €**
200	119	128	01503	**173,00 €**	01703	**305,90 €**
200	135	144	01504	**173,00 €**	01704	**305,90 €**
250	156	165	01505	**234,05 €**	01705	**399,35 €**
250	178	187	01506	**234,05 €**	01706	**399,35 €**
300	193	204	01507	**325,55 €**	01707	**521,50 €**
300	224	233	01508	**325,55 €**	01708	**521,50 €**

* incl. blind plugs			Pressio-Rings with 4 × 6-16 mm* extra outlets Rubber width 1 × 40 mm EPDM		Pressio-Rings with 4 × 6-16 mm* extra outlets Rubber width 2 × 40 mm EPDM	
OD	Carrier pipe					
mm	min.	max.	Art-No.	€/pcs	Art-No.	€/pcs
150	69	78	01540	**159,95 €**	01740	**319,80 €**
150	85	94	01541	**159,95 €**	01741	**319,80 €**
200	108	115	01542	**216,25 €**	01742	**382,40 €**
200	119	128	01543	**216,25 €**	01743	**382,40 €**
200	135	144	01544	**216,25 €**	01744	**382,40 €**
250	156	165	01545	**292,55 €**	01745	**497,20 €**
250	178	187	01546	**292,55 €**	01746	**497,20 €**
300	193	204	01547	**406,90 €**	01747	**651,75 €**
300	224	233	01548	**406,90 €**	01748	**651,75 €**

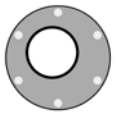
Product group 400

	Description	Unit	Art.No.	€/pcs
Drinking water KTW/W270	Epoxy resin for conservation of core drilled holes 2 components	1,0 kg unit	13099*	**89,95 €**
	1K Beto-coat paint for conservation of core drilled holes	750 ml can	13096*	**56,25 €**

*For this article we charge a dangerous goods surcharge in addition to the freight costs

Product group 200

All versions are made against pressing water



Materials: rubber 1 × 40 mm EPDM,
pressure plates closed version in stainless steel S304
OD 800 mm and bigger, rubber 2 × 40 mm EPDM

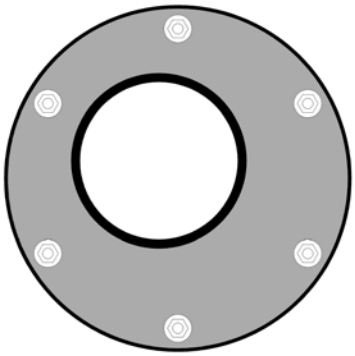
Core drilled hole e.g. wall sleeve	Carrier pipe 0 - 65 mm	Carrier pipe 0 - 115 mm	Carrier pipe 0 - 160 mm	Carrier pipe 0 - 210 mm	Carrier pipe 0 - 250 mm
- 100 mm	**225,90 €**				
101 - 150 mm		**273,40 €**			
151 - 200 mm			**331,20 €**		
201 - 250 mm				**463,90 €**	
251 - 300 mm					**678,95 €**

Up to OD 100 mm : Minimum annular space 17.5 mm.
From OD 101 mm to 300 mm : Minimum annular space 22 mm.
Smaller spaces on request.

	0 - 324 mm	325 - 374 mm	375 - 424 mm	425 - 524 mm	525 - 624 mm	625 - 724 mm
350 mm	**825,45 €**					
400 mm	**978,05 €**					
450 mm	**1.142,80 €**	**1.174,75 €**				
500 mm	**1.338,10 €**	**1.342,60 €**	**1.145,85 €**			
550 mm	**1.619,95 €**	**1.541,00 €**	**1.382,65 €**			
600 mm	**1.908,00 €**	**1.565,35 €**	**1.443,80 €**	**1.332,95 €**		
650 mm	**2.120,70 €**	**1.858,25 €**	**1.785,00 €**	**1.543,95 €**		
700 mm		**2.228,10 €**	**2.087,80 €**	**2.004,35 €**	**1.874,50 €**	
750 mm			**2.304,55 €**	**2.133,05 €**	**1.999,35 €**	
800 mm					**3.208,55 €**	**2.776,65 €**

Prices for closed version **with one opening**. other sizes on request

Surcharge for Pressio-Rings Individual special sealings



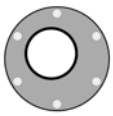
	For any additional drilling	**36,10 €**
	Split version	Basic price +10 %
	Stainless steel V4A - S316 Ti pressure plates	Basic price S304 +25 %
	Blind seal up to OD 650	see smallest stated medium pipe size
	Blind seal larger than OD 650	on request
	Oversized flange 20 mm bigger OD	Basic price +5%
	For preinsulated pipe 2 × 40 mm up to OD 750 mm	Basic price +50%
	Glue on flange 50 mm bigger OD	Basic price +20%
NBR	Pressio Rings Individual with NBR rubber	Basic price +5%

Other materials (Viton, Silicone, eg.) on request

+12% surcharge from 20th of April 2026 until further notice

Product group 200

Drinking Water Individual



**Materials: rubber 1 × 40 mm EPDM*
pressure plates closed version in stainless steel S304
OD 800 mm and bigger. rubber 2 × 40mm EPDM**

Drinking water
KTW/W270

Core drilled hole e.g. wall sleeve	Carrier pipe 0 - 65 mm	Carrier pipe 0 - 115 mm	Carrier pipe 0 - 160 mm	Carrier pipe 0 - 210 mm	Carrier pipe 0 - 250 mm
- 100 mm	**263,30 €**				
101 - 150 mm		**359,05 €**			
151 - 200 mm			**495,60 €**		
201 - 250 mm				**649,40 €**	
251 - 300 mm					**871,55 €**

Up to OD 100 mm : Minimum annular space 17.5 mm. From OD 101 mm to 300 mm : Minimum annular space 22 mm.
Smaller spaces on request.
* according to DVGW W270, Elastomer Guideline of UBA/KTW conformity

	0 - 324 mm	325 - 374 mm	375 - 424 mm	425 - 524 mm	525 - 624 mm	625 - 724 mm
350 mm	**1.242,10 €**					
400 mm	**1.404,80 €**					
450 mm	**1.659,40 €**	**1.789,45 €**				
500 mm	**2.058,10 €**	**1.810,45 €**	**1.707,15 €**			
550 mm	**2.442,15 €**	**2.030,25 €**	**2.047,75 €**			
600 mm	**2.895,80 €**	**2.482,20 €**	**2.319,20 €**	**2.331,00 €**		
650 mm	**3.361,90 €**	**2.874,55 €**	**2.720,70 €**	**2.759,50 €**		
700 mm		**3.375,70 €**	**3.239,40 €**	**3.268,65 €**	**2.708,20 €**	
750 mm			**3.583,80 €**	**3.766,25 €**	**3.609,35 €**	
800 mm					**5.862,90 €**	**5.485,05 €**

Prices for closed version with one opening. Other sizes on request
Express delivery on request.
For drawings ordered by the customer we reserve the right to charge an hourly fee up to

	Description	Art.No.	€/pcs
	Retention bracket for 4 pipes Pressio® wall penetration seals up to DN 200	11030	**5,30 €**
	Ejection prevention clip Set 3 €/pcs incl. screws and dowels for pressio seals **up to 200 mm OD.**	11031	**162,90 €**
	Ejection prevention clip Set 3 €/pcs incl. screws and dowels for pressio seals **up to 800 mm OD.** Use two sets minimum for seals bigger than 600 mm	11032	**197,80 €**

Product group 560

	Description	Art.No.	€/pcs
	Butyl round strip 8 mm x 8 m	16190	**27,40 €**

Product group 200

	Ø Core hole mm	Carrier pipe OD in mm	PU	Art.No.	€/pcs
closed	100	up 18 to 65 mm	30	10490	**60,10 €**
closed with extra large flange	100	up 18 to 65 mm	30	10488	**75,90 €**
split foldable	100	20, 25, 32, 40, 50, 63 mm	30	10499	**66,85 €**
closed	150	32, 40, 50, 63, 76, 90, 110 mm	10	10495	**138,50 €**
closed	200	110, 125, 140, 160 mm	5	10493	**212,65 €**
closed	250	160, 180, 200 mm Reduction rings incl. blind plugs		10496	**307,80 €**
closed	300	200, 225, 250 mm Reduction rings incl. blind plugs		10497	**352,80 €**

Wall Penetration Seal Pressio 4 cables

+12% surcharge from 20th of April 2026 until further notice

Product group 200

Pressio 4 cables UNIVERSAL		Ø Core drilled hole in mm	Cables-	Art.No.	€/pcs
	closed	50	with insert: 2× 6-10 mm without insert: 2× 10-16 mm incl. blind plugs	11011	**71,00 €**
	closed	100	18 to 65 mm onion-rings technology (5 mm per slat) incl. blind plugs	10490	**60,10 €**
	split	100	18-20, 25, 32, 40, 50, 63 mm onion-rings technology incl. blind plugs	10499	**66,85 €**
	split	100	4× 6-30 mm onion-rings technology incl. blind plugs EPDM	11020	**112,60 €**
	split	100	4× 6-30 mm onion-rings technology incl. blind plugs NBR	11024	**112,60 €**
	split	100	2× 6-32 mm 2× 6-26mm onion-rings technology incl. blind plugs	11021	**112,60 €**
	closed	100	with insert: 2× 6-10 mm wtihout insert: 2× 10-16 mm 25-50 mm, onion-rings insert incl. blind plugs	11014	**107,40 €**
	closed	150	32, 40, 50, 63, 76, 90, 110 mm onion-rings technology incl. blind plugs	10495	**138,50 €**
	closed	150	3× 25-50 mm onion-rings insert incl. blind plugs	11025	**232,75 €**
	split	150	3× 25-50 mm onion-rings insert incl. blind plugs	11026	**282,30 €**
	split	150	7× 5-32 mm onion-rings insert incl. blind plugs	11027	**283,80 €**
	closed	200	110, 125, 140, 160 mm onion-rings technology incl. blind plugs	10493	**212,65 €**
	split	200	3× 25-50 mm 4× 5-32 mm onion-rings insert incl. blind plugs	11028	**367,35 €**

Product group 200

Pressio 4 cables FIXED		Ø Core drilled hole in mm	Cables-	Art.No.	€/pcs
	split	50	2× 10-16 mm without blind plugs	11012	**82,85 €**
	closed or split	100	8, 2× 10, 12, 14, 16 und 18 mm incl. blind plugs	11010	**126,15 €**
	closed	100	32 mm und 2× 7 mm incl. blind plugs	11013	**112,60 €**
	split	100	2× 40 mm und 2× 32 mm without blind plugs *additional reductors for 40 mm to 32 mm see below	11017	**112,60 €**
	split	103,2 - 103,6 KG and KG 2000 pipe DN 100	2× 40 mm und 2× 32 mm without blind plugs *additional reductors for 40 mm to 32 mm see below	11018	**112,60 €**
		Pressio®-Reduction inlay 40 mm to 32 mm *used with Pressio seals ID 40 mm		08120	**4,30 €**
	closed	150	3 × 50	11080	**144,15 €**
	split	150	3 × 50	11081	**189,60 €**

Pressio® Extension-Rings for Pressio® Standard
not split

Pressio Standard OD	Extension to:	Description	Art.No.	€/pcs
50 mm	60 mm	Pressio Extension 50 mm auf 60 mm	08015	**4,75 €**
70 mm	75-79 mm	Pressio Extension 70 mm auf 75-79 mm	08020	**4,75 €**
80 mm	85 mm	Pressio Extension 80 mm auf 85 mm	08000	**5,00 €**
80 mm	90 mm	Pressio Extension 80 mm auf 90 mm	08001	**5,00 €**
80 mm	93 mm	Pressio Extension 80 mm auf 93 mm	08002	**5,00 €**
100 mm	103,6 mm	Pressio Extension 100 mm auf 103,6 mm	08010	**6,35 €**
100 mm	110 mm	Pressio Extension 100 mm auf 110 mm	08011	**6,35 €**
100 mm	118-120 mm	Pressio Extension 100 mm auf 118-120 mm	08012	**6,35 €**
100 mm	125 mm	Pressio Extension 100 mm auf 125 mm	08013	**8,80 €**
150 mm	158-160 mm	Pressio Extension 150 mm auf 158-160 mm	08030	**13,70 €**

Wall Penetration Seal Pressio 4 cables

+12% surcharge from 20th of April 2026 until further notice

Product group 200

Pressio 4 cables CUSTOM	Ø Core drilled hole in mm	ID Pressure plates in mm	Cables	Art.No.	€/pcs
These seals are drilled acc. to order. Please specify the exact number and diameter of the cables when ordering.	50	22 mm	Ø Cable from 2-19 mm incl. 2 drillings closed or split	11000	**88,90 €**
	70	43 mm	Ø Cable from 2-40 mm incl. 2 drillings closed or split	11005	**103,50 €**
	80	43 mm	Ø Cable from 2-40 mm incl. 2 drillings closed or split	11001	**114,90 €**
	100	66 mm	Ø Cable from 2-50 mm incl. 2 drillings closed or split	11002	**122,60 €**
Example: Pressio 4 cables OD 100 mm, without drilling	125	82 mm	Ø Cable from 2-63 mm incl. 2 drillings closed or split	11003	**165,50 €**
	150	112 mm	Ø Cable from 2-63 mm incl. 2 drillings closed or split	11004	**208,35 €**
	200	2× 56 mm 2× 70 mm	Ø Cable 2x from 2-50 mm and Ø Cable 2x from 2-63 mm incl. 2 drillings closed, **splitting not possible**	11006	**283,40 €**
	any additional outlet			11015	**12,05 €**

Product group 210

			Split version		District heating		Blind	
All versions are made against pressing water								
Core hole/ wallsleeve	**Carrier pipe OD in mm**		**Pressure plates PA6-30 split version bolts S316 Ti rubber 1 × 40 mm EPDM**		**Pressure plates PA6-30 split version bolts S316 Ti rubber 2 × 40 mm EPDM**		**Blind Pressure plates PA6-30 bolts S316 Ti rubber 1 × 40 mm EPDM**	
mm	**min.**	**max.**	**Art.No.**	**€/pcs**	**Art.No.**	**€/pcs**	**€/pcs**	**€/pcs**
80	20	28	55610	**39,30 €**	-	**-**	55587	**39,30 €**
80	28	32	55614	**39,30 €**	-	**-**		
80	32	40	55611	**39,30 €**	-	**-**		
80	40	50	55612	**39,30 €**	-	**-**		
100	20	28	55616	**56,10 €**	-	**-**	55588	**56,10 €**
100	25	32	55617	**56,10 €**	-	**-**		
100	32	40	55618	**56,10 €**	-	**-**		
100	36	44	55619	**56,10 €**	-	**-**		
100	46	56	55620	**56,10 €**	-	**-**		
100	55	65	55621	**56,10 €**	-	**-**		
125	55	64	55625	**78,15 €**	-	**-**	55589	**78,15 €**
125	61	70	55626	**78,15 €**	55700	**180,30 €**		
125	70	78	55627	**78,15 €**	55701	**180,30 €**		
150	46	54	55630	**111,25 €**	-		55590	**111,25 €**
150	56	66	55631	**111,25 €**	55704	**222,40 €**		
150	69	78	55632	**111,25 €**	55705	**222,40 €**		
150	79	91	55633	**111,25 €**	55708	**222,40 €**		
150	85	94	55634	**111,25 €**	55706	**222,40 €**		
150	90	97	55636	**111,25 €**	-	**-**		
150	98	110	55635	**111,25 €**	55707	**222,40 €**		
200	108	115	55641	**152,70 €**	55710	**266,05 €**	55591	**152,70 €**
200	116	126	55642	**152,70 €**	55713	**266,05 €**		
200	119	128	55643	**152,70 €**	55711	**266,05 €**		
200	132	141	55644	**152,70 €**	-	**-**		
200	135	144	55645	**152,70 €**	55712	**266,05 €**		
200	140	150	55648	**152,70 €**	55761	**266,05 €**		
200	150	160	55646	**152,70 €**	55714	**266,05 €**		
250	135	144	55650	**213,75 €**	55715	**347,40 €**	-	**-**
250	140	149	55651	**213,75 €**	55716	**347,40 €**		
250	150	159	55652	**213,75 €**	55717	**347,40 €**		
250	156	165	55653	**213,75 €**	55718	**347,40 €**		
250	165	175	55654	**213,75 €**	55721	**347,40 €**		
250	174	181	55655	**213,75 €**	55719	**347,40 €**		
250	178	187	55656	**213,75 €**	55720	**347,40 €**		
250	197	202	55657	**213,75 €**	55722	**347,40 €**		
250	204	210	55658	**213,75 €**	-	**-**		
300	178	187	55665	**281,90 €**	55725	**453,45 €**	-	**-**
300	193	204	55666	**281,90 €**	55726	**453,45 €**		
300	198	207	55667	**281,90 €**	55727	**453,45 €**		
300	218	226	55668	**281,90 €**	55728	**453,45 €**		
300	224	233	55664	**281,90 €**	55724	**453,45 €**		
300	242	251	55669	**281,90 €**	55729	**453,45 €**		
350	249	258	55671	**335,80 €**	55731	**558,00 €**	-	**-**
350	270	282	55672	**335,80 €**	-	**-**		

+12% surcharge from 20th of April 2026 until further notice

Product group 210

Pressio Universal BlackLIne		Ø Core drilled hole in mm	Carrier pipe OD in mm	Art.No.	€/pcs
	split	80	25 - 50 mm	55487	**62,00 €**
	split	100	20, 25, 32, 40, 50, 63 mm	55499	**60,10 €**
	split	150	32, 40, 50, 63, 76, 90 and 110 mm	55495	**138,50 €**
	split	200	110, 125, 140, 160 mm	55493	**212,65 €**
	split	250	160, 180, 200 mm reduction rings **split** incl. blind plugs	55496	**307,80 €**
	split	300	200, 225, 250 mm reduction rings **split** incl. blind plugs	55497	**352,80 €**

Pressio 4 cables FIXED BlackLine		Ø Core drilled hole in mm	Cables	Art.No.	€/pcs
	split	100	8, 2× 10, 12, 14, 16 and 18 mm incl. blind plugs	55010	**110,65 €**

Product group 100

		Quality C, EPDM - Rubber Colour black, Shore 50 ± 5, bolts galvanized		Quality S316, EPDM - Rubber Colour black, Shore 50 ± 5, bolts stainless steel	
Description	**Type**	**Art.No.**	**€/pcs**	**Art.No.**	**€/pcs**
Wall penetration seal Pressio-Elements: **(Standard EPDM - black)**	IL 100	09999	**2,90 €**	10029	**3,15 €**
	IL 200	10000	**3,45 €**	10030	**4,05 €**
	IL 265	10001	**4,45 €**	10031	**5,50 €**
	IL 275	10002	**4,10 €**	10032	**4,75 €**
	IL 300	10003	**5,35 €**	10033	**6,55 €**
	IL 310	10004	**6,15 €**	10034	**7,80 €**
	IL 315	10005	**6,15 €**	10035	**7,80 €**
	IL 325	10006	**8,95 €**	10036	**14,65 €**
	IL 340	10007	**8,30 €**	10037	**11,50 €**
	IL 360	10008	**10,20 €**	10038	**13,00 €**
	IL 400	10009	**16,75 €**	10039	**21,10 €**
	IL 410	10010	**13,10 €**	10040	**17,85 €**
	IL 425	10011	**14,25 €**	10041	**19,45 €**
	IL 440	10012	**17,25 €**	10042	**24,25 €**
	IL 475	10013	**14,05 €**	10043	**19,45 €**
	IL 500	10014	**26,65 €**	10044	**38,85 €**
	IL 525	10015	**25,30 €**	10045	**37,25 €**
	IL 575	10016	**23,55 €**	10046	**35,65 €**
	IL 650	10019	**38,70 €**	10049	**53,15 €**

		Quality BC, EPDM - Rubber Colour blue, Shore 40 ± 5, bolts galvanized		Quality BS316, EPDM - Rubber Colour blue, Shore 40 ± 5, bolts stainless steel	
Description	**Type**	**Art.No.**	**€/pcs**	**Art.No.**	**€/pcs**
Wall penetration seal Pressio-Elements: **(soft EPDM - blue)**	IL 100	10059	**3,15 €**	10089	**3,45 €**
	IL 200	10060	**3,90 €**	10090	**4,45 €**
	IL 265	10061	**5,00 €**	10091	**6,75 €**
	IL 275	10062	**4,50 €**	10092	**5,25 €**
	IL 300	10063	**5,80 €**	10093	**7,25 €**
	IL 310	10064	**6,70 €**	10094	**8,65 €**
	IL 315	10065	**6,70 €**	10095	**8,65 €**
	IL 325	10066	**9,90 €**	10096	**16,00 €**
	IL 340	10067	**9,10 €**	10097	**12,55 €**
	IL 360	10068	**11,30 €**	10098	**14,90 €**
	IL 400	10069	**18,40 €**	10099	**23,10 €**
	IL 410	10070	**14,40 €**	10100	**20,50 €**
	IL 425	10071	**15,70 €**	10101	**21,45 €**
	IL 440	10072	**19,00 €**	10102	**26,65 €**
	IL 475	10073	**15,70 €**	10103	**21,45 €**
	IL 500	10074	**29,80 €**	10104	**42,75 €**
	IL 525	10075	**28,85 €**	10105	**40,95 €**
	IL 575	10076	**25,90 €**	10106	**39,20 €**
	IL 615	10077	**62,40 €**	10107	**73,25 €**
	IL 625	10078	**41,60 €**	10108	**48,85 €**
	IL 650	10079	**40,70 €**	10109	**47,05 €**
	IL 700	10080	**68,45 €**	10110	**80,55 €**

+12% surcharge from 20th of April 2026 until further notice

Product group 100

		Quality O, Nitrile Rubber Colour green, Shore 50 ± 5, bolts galvanized		Quality OS316, Nitrile Rubber Colour green, Shore 50 ± 5, bolts stainless steel	
Description	**Type**	**Art.No.**	**€/pcs**	**Art.No.**	**€/pcs**
Wall penetration seal Pressio-Elements: **(Nitrile rubber - green)**	IL 100	10119	**3,45 €**	10149	**3,85 €**
	IL 200	10120	**4,25 €**	10150	**4,90 €**
	IL 265	10121	**5,45 €**	10151	**7,45 €**
	IL 275	10122	**5,00 €**	10152	**5,75 €**
	IL 300	10123	**6,40 €**	10153	**7,95 €**
	IL 310	10124	**7,35 €**	10154	**9,55 €**
	IL 315	10125	**7,35 €**	10155	**9,55 €**
	IL 325	10126	**10,90 €**	10156	**17,60 €**
	IL 340	10127	**10,00 €**	10157	**13,80 €**
	IL 360	10128	**12,40 €**	10158	**16,45 €**
	IL 400	10129	**20,20 €**	10159	**25,40 €**
	IL 410	10130	**15,80 €**	10160	**22,55 €**
	IL 425	10131	**17,25 €**	10161	**23,60 €**
	IL 440	10132	**20,90 €**	10162	**29,35 €**
	IL 475	10133	**17,25 €**	10163	**23,60 €**
	IL 500	10134	**32,80 €**	10164	**47,05 €**
	IL 525	10135	**31,70 €**	10165	**44,95 €**
	IL 575	10136	**28,45 €**	10166	**43,15 €**
	IL 615	10137	**68,70 €**	10167	**80,60 €**
	IL 625	10138	**45,80 €**	10168	**53,75 €**
	IL 650	10139	**44,75 €**	10169	**51,75 €**
	IL 700	10140	**75,30 €**	10170	**88,65 €**

		Quality TS, Silicone-Rubber, Colour grey, bolts stainless steel, pressure plates V4A		Quality KTW/W270, EPDM-Rubber, Colour black, Shore 50 ± 5, pressure plates white	
Description	**Type**	**Art.No.**	**€/pcs**	**Art.No.**	**€/pcs**
Wall penetration seal Pressio-Elements: **Quality TS for temperatures up to 200°C** **Quality KTW/W270 for contact with drinking water**	IL 100	01179	**10,45 €**	01210	**5,20 €**
	IL 200	01180	**12,05 €**	01211	**6,35 €**
	IL 265	01181	**17,85 €**	01212	**8,40 €**
	IL 275	01182	**14,20 €**	01213	**6,75 €**
	IL 300	01183	**18,55 €**	01214	**9,95 €**
	IL 310	01184	**21,95 €**	01215	**13,15 €**
	IL 315	01185	**21,95 €**	01216	**11,20 €**
	IL 325	01186	**37,10 €**	01217	**18,40 €**
	IL 340	01187	**35,60 €**	01218	**15,15 €**
	IL 360	01188	**44,40 €**	01219	**17,30 €**
	IL 400	01189	**71,05 €**	01220	**34,60 €**
	IL 410	01190	**68,70 €**	01221	**29,25 €**
	IL 425	01191	**65,00 €**	01222	**30,25 €**
	IL 440	01192	**75,35 €**	01223	**44,75 €**
	IL 475	01193	**65,00 €**	01224	**30,50 €**
	IL 500	01194	**129,95 €**	01225	**72,20 €**
	IL 525	01195	**129,95 €**	01226	**61,95 €**
	IL 575	01196	**129,95 €**	01227	**51,80 €**
	IL 615	01197	**166,10 €**	-	**-**
	IL 625	01198	**110,80 €**	01229	**101,00 €**
	IL 650	01199	**108,20 €**	01230	**83,45 €**
	IL 700	01200	**177,15 €**	-	**-**

Product group 100

Sleeve/hole ID in mm	Carrier pipe OD in mm		Quantity of elements	Type IL...	Ring			
	min.	max.			Quality C	Quality BC	Quality S316	Quality BS316
50	10	18	4	275	16,40 €	18,00 €	19,00 €	21,00 €
	25	32	4	100	11,60 €	12,60 €	12,60 €	13,80 €
70	30	36	6	275	24,60 €	27,00 €	28,50 €	31,50 €
	39	45	6	200	20,70 €	23,40 €	24,30 €	26,70 €
	45	52	6	100	17,40 €	18,90 €	18,90 €	20,70 €
80	40	48	8	275	32,80 €	36,00 €	38,00 €	42,00 €
	49	55	7	200	24,15 €	27,30 €	28,35 €	31,15 €
	55	62	7	100	20,30 €	22,05 €	22,05 €	24,15 €
100	32	45	5	340	41,50 €	45,50 €	57,50 €	62,75 €
	48	57	6	315	36,90 €	40,20 €	46,80 €	51,90 €
	55	64	6	300	32,10 €	34,80 €	39,30 €	43,50 €
	62	68	6	265	26,70 €	30,00 €	33,00 €	40,50 €
	68	75	9	200	31,05 €	35,10 €	36,45 €	40,05 €
	75	82	9	100	26,10 €	28,35 €	28,35 €	31,05 €
125	42	61	5	360	51,00 €	56,50 €	65,00 €	74,50 €
	58	74	7	340	58,10 €	63,70 €	80,50 €	87,85 €
	73	82	8	315	49,20 €	53,60 €	62,40 €	69,20 €
	80	89	8	300	42,80 €	46,40 €	52,40 €	58,00 €
	87	93	8	265	35,60 €	40,00 €	44,00 €	54,00 €
	95	100	12	200	41,40 €	46,80 €	48,60 €	53,40 €
	100	107	12	100	34,80 €	37,80 €	37,80 €	41,40 €
150	58	76	5	410	65,50 €	72,00 €	89,25 €	102,50 €
	66	82	6	360	61,20 €	67,80 €	78,00 €	89,40 €
	82	99	9	340	74,70 €	81,90 €	103,50 €	112,95 €
	105	114	7	310	43,05 €	46,90 €	54,60 €	60,55 €
	112	118	10	265	44,50 €	50,00 €	55,00 €	67,50 €
	118	125	14	200	48,30 €	54,60 €	56,70 €	62,30 €
	125	132	14	100	40,60 €	44,10 €	44,10 €	48,30 €
200	90	104	6	575	141,30 €	155,40 €	213,90 €	235,20 €
	103	117	7	475	98,35 €	109,90 €	136,15 €	150,15 €
	103	124	7	410	91,70 €	100,80 €	124,95 €	143,50 €
	116	133	9	360	91,80 €	101,70 €	117,00 €	134,10 €
	132	149	13	340	107,90 €	118,30 €	149,50 €	163,15 €
	155	164	10	310	61,50 €	67,00 €	78,00 €	86,50 €
250	134	154	8	575	188,40 €	207,20 €	285,20 €	313,60 €
	140	160	6	440	103,50 €	114,00 €	145,50 €	159,90 €
	153	163	9	475	126,45 €	141,30 €	175,05 €	193,05 €
	158	177	7	400	117,25 €	128,80 €	147,70 €	161,70 €
	166	186	12	360	122,40 €	135,60 €	156,00 €	178,80 €
	178	192	7	425	99,75 €	109,90 €	136,15 €	150,15 €
	190	203	9	325	80,55 €	89,10 €	131,85 €	144,00 €
	206	212	12	310	73,80 €	80,40 €	93,60 €	103,80 €
300	157	173	7	500	186,55 €	208,60 €	271,95 €	299,25 €
	184	204	10	575	235,50 €	259,00 €	356,50 €	392,00 €
	190	210	8	440	138,00 €	152,00 €	194,00 €	213,20 €
	208	226	12	410	157,20 €	172,80 €	214,20 €	246,00 €
	216	236	15	360	153,00 €	169,50 €	195,00 €	223,50 €
	234	244	20	340	166,00 €	182,00 €	230,00 €	251,00 €
	240	253	11	325	98,45 €	108,90 €	161,15 €	176,00 €
	255	264	15	310	92,25 €	100,50 €	117,00 €	129,75 €

+12% surcharge from 20th of April 2026 until further notice

Product group 100

Sleeve/hole ID in mm	Carrier pipe OD in mm		Quantity of elements	Type IL...	Ring			
	min.	max.			Quality C	Quality BC	Quality S316	Quality BS316
350	182	210	8	650	309,60 €	325,60 €	425,20 €	376,40 €
	207	229	9	500	239,85 €	268,20 €	349,65 €	384,75 €
	223	239	9	525	227,70 €	259,65 €	335,25 €	368,55 €
	234	254	12	575	282,60 €	310,80 €	427,80 €	470,40 €
	253	267	14	475	196,70 €	219,80 €	272,30 €	300,30 €
	253	274	14	410	183,40 €	201,60 €	249,90 €	287,00 €
	266	286	18	360	183,60 €	203,40 €	234,00 €	268,20 €
	258	274	10	400	167,50 €	184,00 €	211,00 €	231,00 €
	276	293	11	425	156,75 €	172,70 €	213,95 €	235,95 €
	286	296	24	340	199,20 €	218,40 €	276,00 €	301,20 €
	294	303	13	325	116,35 €	128,70 €	190,45 €	208,00 €
	307	314	18	310	110,70 €	120,60 €	140,40 €	155,70 €
400	204	234	9	625	-	374,40 €	-	439,65 €
	234	255	9	650	348,30 €	366,30 €	478,35 €	423,45 €
	264	279	10	500	266,50 €	298,00 €	388,50 €	427,50 €
	273	289	11	525	278,30 €	317,35 €	409,75 €	450,45 €
	284	304	14	575	329,70 €	362,60 €	499,10 €	548,80 €
	292	310	11	440	189,75 €	209,00 €	266,75 €	293,15 €
	303	317	16	475	224,80 €	251,20 €	311,20 €	343,20 €
	308	327	12	400	201,00 €	220,80 €	253,20 €	277,20 €
	326	341	12	425	171,00 €	188,40 €	233,40 €	257,40 €
	340	353	15	325	134,25 €	148,50 €	219,75 €	240,00 €
450	235	256	7	700	-	479,15 €	-	563,85 €
	254	265	10	625	-	416,00 €	-	488,50 €
	266	286	7	615	-	436,80 €	-	512,75 €
	285	311	11	650	425,70 €	447,70 €	584,65 €	517,55 €
	307	329	12	500	319,80 €	357,60 €	466,20 €	513,00 €
	327	339	12	525	303,60 €	346,20 €	447,00 €	491,40 €
	335	354	16	575	376,80 €	414,40 €	570,40 €	627,20 €
	345	356	13	440	224,25 €	247,00 €	315,25 €	346,45 €
	355	367	19	475	266,95 €	298,30 €	369,55 €	407,55 €
	358	377	14	400	234,50 €	257,60 €	295,40 €	323,40 €
	376	393	14	425	199,50 €	219,80 €	272,30 €	300,30 €
	375	386	24	360	244,80 €	271,20 €	312,00 €	357,60 €
	390	403	17	325	152,15 €	168,30 €	249,05 €	272,00 €
500	285	306	8	700	-	547,60 €	-	644,40 €
	304	334	12	625	-	499,20 €	-	586,20 €
	335	359	12	650	464,40 €	488,40 €	637,80 €	564,60 €
	357	379	14	500	373,10 €	417,20 €	543,90 €	598,50 €
	373	389	14	525	354,20 €	403,90 €	521,50 €	573,30 €
	385	400	18	575	423,90 €	466,20 €	641,70 €	705,60 €
	390	410	14	440	241,50 €	266,00 €	339,50 €	373,10 €
	408	427	15	400	251,25 €	276,00 €	316,50 €	346,50 €
	426	443	16	425	228,00 €	251,20 €	311,20 €	343,20 €
	440	453	19	325	170,05 €	188,10 €	278,35 €	304,00 €

Product group 100

Sleeve/hole ID in mm	Carrier pipe OD in mm		Quantity of elements	Type IL...	Ring			
	min.	max.			Quality C	Quality BC	Quality S316	Quality BS316
600	385	406	10	700	-	**684,50 €**	-	**805,50 €**
	404	434	15	625	-	**624,00 €**	-	**732,75 €**
	436	457	15	650	**580,50 €**	**610,50 €**	**797,25 €**	**705,75 €**
	457	479	17	500	**453,05 €**	**506,60 €**	**660,45 €**	**726,75 €**
	473	489	17	525	**430,10 €**	**490,45 €**	**633,25 €**	**696,15 €**
	490	503	17	440	**293,25 €**	**323,00 €**	**412,25 €**	**453,05 €**
	503	509	25	475	**351,25 €**	**392,50 €**	**486,25 €**	**536,25 €**
	508	527	19	400	**318,25 €**	**349,60 €**	**400,90 €**	**438,90 €**
	526	543	19	425	**270,75 €**	**298,30€**	**369,55 €**	**407,55 €**
	540	553	23	325	**205,85 €**	**227,70 €**	**336,95 €**	**368,00 €**

Available qualities:	
Qualität C	Rubber EPDM (black standard), bolts galvanised
Qualität BC	Rubber EPDM (blue, extra soft for PE pipe), bolts galvanised
Qualität S316	Rubber EPDM (black), bolts stainless steel
Qualität BS316	Rubber EPDM (blue, extra soft for PE pipe), bolts stainless steel
Qualität OC	Rubber Nitrile (green, oil resistant), bolts galvanised, Price on request
Qualität OS316	Rubber Nitrile (green, oil resistant), bolts stainless steel, Price on request
Qualität TS	Rubber Silicone (grey, high temperature resistant), bolts stainless steel, pressure plates stainless steel. Price on request
Qualität KTW/W270	Rubber EPDM (black, accord. to KTW/W270), bolts stainless steel, pressue plates white. Price on request

To calculate the best Pressio®-Element online, use our calculator under www.4pipes.de

Product group 250

+12% surcharge from 20th of April 2026 until further notice

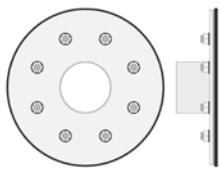
Non-pressing water

Description	outer diameter pipe in mm	inner diameter sleeve/ core-drilling mm	€/pcs
Pressio® seal with fixed-loose flange against non-pressing water according to DIN 18533 (W1-E, W3-E) for buildings with sealing sheeting, incl. screws and dowels for mounting **galvanised steel version**	20 - 40	80	**399,60 €**
	15 - 65	100	**423,90 €**
	55 - 78	125	**525,00 €**
	46 - 110	150	**570,00 €**
	88 - 160	200	**615,00 €**
	135 - 210	250	**660,00 €**
	178 - 226	300	**810,00 €**
	224 - 282	350	**930,00 €**
	270 - 330	400	**1.065,00 €**
	300 - 400	500	**on request**
	400 - 500	600	
	500 - 600	700	
	600 - 700	800	
	700 - 800	900	
	800 - 900	1000	

Other sizes and materials on request.

Description	outer diameter pipe in mm	inner diameter sleeve in mm	sleeve length in mm €/pcs	
			250	350
Wall sleeve with fixed-loose flange against non-pressing water according to DIN 18533 (W1-E, W3-E) for buildings with sealing sheeting **galvanised steel version**	20 - 40	80	**on request**	**on request**
	15 - 65	100		
	55 - 78	125		
	46 - 110	150		
	88 - 160	200		
	135 - 210	250		
	178 - 226	300		
	224 - 282	350		
	270 - 330	400		
	300 - 400	500		
	400 - 500	600		
	500 - 600	700		
	600 - 700	800		
	700 - 800	900		
	800 - 900	1000		

Other sizes and materials on request.

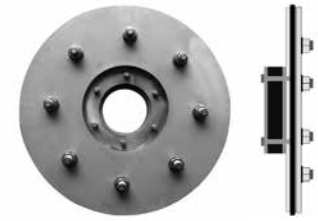
Description	outer diameter pipe in mm	inner diameter sleeve in mm	sleeve length 100 mm €/pcs
On wall sleeve with fixed-loose flange against non-pressing water according to DIN 18533 (W1-E, W3-E) for buildings with sealing sheeting, incl. screws and dowels for mounting **galvanised steel version** 	20 - 40	80	**on request**
	15 - 65	100	
	55 - 78	125	
	46 - 110	150	
	88 - 160	200	
	135 - 210	250	
	178 - 226	300	
	224 - 282	350	
	270 - 330	400	
	300 - 400	500	
	400 - 500	600	
	500 - 600	700	
	600 - 700	800	
	700 - 800	900	
	800 - 900	1000	

Other sizes and materials on request.

*Rubber sheets (flange-shaped sealing slices made from elastomer) for wall penetrations with fixed-loose flange, for pressing and non-pressing water. According to DIN 18533 rubber sheets are recommended for elastomeric sheeting material: PIP, EPDM, EVA, ECB. We also recommend them for PVC, PE and PE-HD.

Product group 250

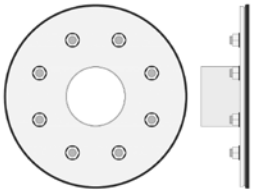
Pressing water

Description	outer diameter pipe in mm	inner diameter sleeve/ core-drilling mm	€/pcs
Pressio® seal with fixed-loose flange against pressing water according to DIN 18533 (W2-E) for buildings with sealing sheeting, incl. screws and dowels for mounting **galvanised steel version** 	20 - 40	80	**729,00 €**
	15 - 65	100	**798,00 €**
	55 - 78	125	**900,00 €**
	46 - 110	150	**990,00 €**
	88 - 160	200	**1.110,00 €**
	135 - 210	250	**1.260,00 €**
	178 - 226	300	**1.470,00 €**
	224 - 282	350	**1.590,00 €**
	270 - 330	400	**1.860,00 €**
	300 - 400	500	**on request**
	400 - 500	600	
	500 - 600	700	
	600 - 700	800	
	700 - 800	900	
	800 - 900	1000	

Markup for stainless steel S304. Other sizes and stainless steel S 304 or S 316 on request.

Description	outer diameter pipe in mm	inner diameter sleeve in mm	sleeve length in mm €/pcs	
			250	350
Wall sleeve with fixed-loose flange against pressing water according to DIN 18533 (W2-E) for buildings with sealing sheeting **galvanised steel version**	20 - 40	80	**on request**	**on request**
	15 - 65	100		
	55 - 78	125		
	46 - 110	150		
	88 - 160	200		
	135 - 210	250		
	178 - 226	300		
	224 - 282	350		
	270 - 330	400		
	300 - 400	500		
	400 - 500	600		
	500 - 600	700		
	600 - 700	800		
	700 - 800	900		
	800 - 900	1000		

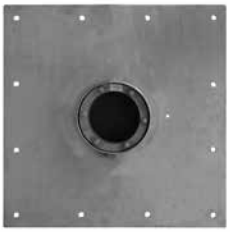
Others sizes and stainless steel S 304 or S 316 on request.

Description	outer diameter pipe in mm	inner diameter sleeve in mm	sleeve length 100 mm €/pcs
On wall sleeve with fixed-loose flange against pressing water according to DIN 18533 (W2-E) for buildings with sealing sheeting, incl. screws and dowels for mounting **galvanised steel version** 	20 - 40	80	**on request**
	15 - 65	100	
	55 - 78	125	
	46 - 110	150	
	88 - 160	200	
	135 - 210	250	
	178 - 226	300	
	224 - 282	350	
	270 - 330	400	
	300 - 400	500	
	400 - 500	600	
	500 - 600	700	
	600 - 700	800	
	700 - 800	900	
	800 - 900	1000	

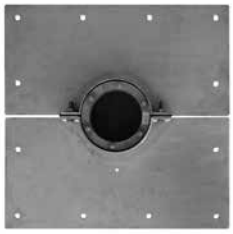
Others sizes and stainless steel S 304 or S 316 on request.

*Rubber sheets (flange-shaped sealing slices made from elastomer) for wall penetrations with fixed-loose flange, for pressing and non-pressing water. According to DIN 18533 rubber sheets are recommended for elastomeric sheeting material: PIP, EPDM, EVA, ECB. We also recommend them for PVC, PE and PE-HD.

Product group 250

Description	OD pipe in mm	ID sleeve in mm	€/pcs
on-wall sleeve, closed incl. screws, dowels and sealing adhesive **galvanised steel version**  **Does not include Pressio seal**	20 - 40	80	**on request**
	15 - 65	100	
	55 - 78	125	
	46 - 110	150	
	88 - 160	200	
	135 - 210	250	
	178 - 226	300	
	224 - 282	350	
	270 - 330	400	
	300 - 400	500	
	400 - 500	600	
	500 - 600	700	
	600 - 700	800	
	700 - 800	900	
	800 - 900	1000	

Other sizes and stainless steel S 304 or S 316 on request.

Description	OD pipe in mm	ID sleeve in mm	€/pcs
on-wall sleeve, closed incl. screws, dowels and sealing adhesive **galvanised steel version**  **Does not include Pressio seal**	20 - 40	80	**on request**
	15 - 65	100	
	55 - 78	125	
	46 - 110	150	
	88 - 160	200	
	135 - 210	250	
	178 - 226	300	
	224 - 282	350	
	270 - 330	400	
	300 - 400	500	
	400 - 500	600	
	500 - 600	700	
	600 - 700	800	
	700 - 800	900	
	800 - 900	1000	

Others sizes and stainless steel S 304 or S 316 on request.

For drawings ordered by the customer we keep the option to charge an hourly fee up to 95,00 €

Product group 375

Aluminium Edition

Sealing range					
Min. pipe ID in mm	Max. pipe ID in mm	Max. Water pressure* in bar	Thread size (inch)	Art.No.	€/pcs
38	50	1,5	1/2	13930	**44,05 €**
49	62	1,5	1/2	13931	**46,10 €**
62	77	1,5	1/2	13932	**54,35 €**
73	89	1	1/2	13933	**58,60 €**
84	103	1	1/2	13934	**62,60 €**
94	110	0,5	1/2	13935	**73,30 €**
112	130	0,5	1/2	13936	**84,00 €**
125	142	0,5	1/2	13937	**91,60 €**
146	168	0,5	1/2	13938	**102,50 €**
175	200	0,5	1	13939	**271,65 €**
193	220	0,5	1	13940	**287,55 €**
220	240	0,5	1	13941	**295,05 €**
245	270	0,5	1	13942	**324,50 €**
277	328	0,5	1	13943	**341,00 €**
295	325	0,5	1	13944	**357,15 €**
350	385	0,3	1	13946	**572,25 €**
370	410	0,3	1	13947	**586,50 €**
390	435	0,3	1	13948	**605,90 €**
445	495	0,3	2	13949	**674,15 €**
495	550	0,2	2	13950	**752,15 €**
595	650	0,2	2	13951	**1.053,10 €**

*with additional holding fixture

+12% surcharge from 20th of April 2026 until further notice

Product group 400

ID sleeve	Length 200 mm		Length 240 mm		Length 250 mm		Length 300 mm		Length 350 mm	
	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs
80	13100	**23,95 €**	13486	**26,90 €**	13101	**26,90 €**	13102	**30,70 €**	13103	**42,50 €**
100	13112	**39,60 €**	13297	**43,50 €**	13113	**43,50 €**	13114	**49,35 €**	13115	**58,65 €**
125	13124	**43,50 €**	13298	**51,50 €**	13125	**51,50 €**	13126	**55,40 €**	13127	**64,40 €**
150	13136	**47,55 €**	13299	**55,35 €**	13137	**55,35 €**	13138	**59,40 €**	13139	**72,80 €**
200	13148	**59,45 €**	13481	**69,10 €**	13149	**69,10 €**	13150	**71,15 €**	13151	**87,35 €**
250	13160	**77,15 €**	13487	**90,80 €**	13161	**90,80 €**	13162	**96,75 €**	13163	**108,95 €**
300	13172	**84,95 €**	13483	**96,75 €**	13173	**96,75 €**	13174	**114,35 €**	13175	**130,40 €**
350	13184	**104,30 €**	13488	**118,30 €**	13185	**118,30 €**	13186	**132,15 €**	13187	**156,50 €**
400	13196	**110,85 €**	13485	**128,55 €**	13197	**128,55 €**	13198	**146,40 €**	13199	**177,35 €**
500	13220	**174,60 €**	*	*	13221	**224,60 €**	13222	**224,60 €**	13223	**275,90 €**
600	13232	**202,70 €**	*	*	13233	**266,95 €**	13234	**266,95 €**	13235	**330,20 €**
700	13244	**224,60 €**	*	*	13245	**310,25 €**	13246	**338,20 €**	13247	**380,60 €**
800	13256	**250,95 €**	*	*	13257	**364,10 €**	13258	**406,60 €**	13259	**432,10 €**

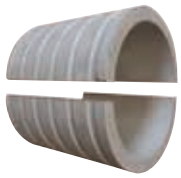
ID sleeve	Length 365 mm		Length 400 mm		Length 450 mm		Length 500 mm		Length 600 mm	
	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs
80	13489	**43,50 €**	13104	**43,50 €**	13105	**51,05 €**	13106	**52,10 €**	13107	**63,50 €**
100	13490	**59,40 €**	13116	**59,40 €**	13117	**70,30 €**	13118	**71,15 €**	13119	**81,75 €**
125	13491	**65,25 €**	13128	**65,25 €**	13129	**74,90 €**	13130	**75,70 €**	13131	**86,45 €**
150	13480	**73,75 €**	13140	**73,75 €**	13141	**97,15 €**	13142	**98,15 €**	13143	**111,35 €**
200	13482	**88,10 €**	13152	**88,10 €**	13153	**100,25 €**	13154	**101,45 €**	13155	**115,95 €**
250	13288	**110,00 €**	13164	**110,00 €**	13165	**119,00 €**	13166	**120,30 €**	13167	**134,20 €**
300	13484	**132,15 €**	13176	**132,15 €**	13177	**144,40 €**	13178	**146,30 €**	13179	**160,40 €**
350	13492	**159,90 €**	13188	**159,90 €**	13189	**183,85 €**	13190	**187,70 €**	13191	**202,65 €**
400	13493	**181,85 €**	13200	**181,85 €**	13201	**197,25 €**	13202	**210,65 €**	13203	**229,70 €**
500	*	*	13224	**275,90 €**	13225	**310,95 €**	13226	**324,85 €**	13227	**353,45 €**
600	*	*	13236	**330,20 €**	13237	**364,20 €**	13238	**393,25 €**	13239	**429,60 €**
700	*	*	13248	**401,10 €**	13249	**446,05 €**	13250	**488,10 €**	13251	**558,40 €**
800	*	*	13260	**471,40 €**	13261	**527,50 €**	13262	**583,35 €**	13263	**689,85 €**

ID sleeve	Length 700 mm		Length 800 mm		Length 1000 mm		Length 1200 mm		Length 1500 mm	
	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs
80	13108	**73,35 €**	13109	**85,00 €**	-	-	-	-	-	-
100	13120	**92,95 €**	13121	**104,15 €**	13122	**126,20 €**	13123	**147,25 €**	13275	**184,05 €**
125	13132	**97,15 €**	13133	**108,25 €**	13134	**129,50 €**	13135	**150,70 €**	13276	**188,35 €**
150	13144	**125,40 €**	13145	**139,05 €**	13146	**165,15 €**	13147	**194,50 €**	13290	**243,10 €**
200	13156	**131,50 €**	13157	**143,85 €**	13158	**169,85 €**	13159	**199,25 €**	13291	**249,05 €**
250	13168	**147,95 €**	13169	**160,20 €**	13170	**190,35 €**	13171	**217,70 €**	13289	**272,15 €**
300	13180	**174,10 €**	13181	**188,95 €**	13182	**214,35 €**	13183	**244,20 €**	13269	**305,20 €**
350	13192	**212,25 €**	13193	**232,75 €**	13194	**272,80 €**	13195	**314,90 €**	13296	**393,60 €**
400	13204	**260,20 €**	13205	**293,00 €**	13206	**355,95 €**	13207	**418,90 €**	13293	**523,60 €**
500	13228	**381,35 €**	13229	**411,10 €**	13230**	**468,25 €**	-	-	-	-
600	13240	**464,40 €**	13241	**499,70 €**	13242**	**555,80 €**	-	-	-	-
700	13252	**608,35 €**	13253	**653,70 €**	13254**	**706,25 €**	-	-	-	-
800	13264	**745,95 €**	13265	**803,55 €**	13266**	**856,80 €**	-	-	-	-

*on request
**max. Length L=960 ±20mm tolerance

Other sizes on request

Product group 400



***

ID sleeves	Length 200 mm		Length 240 mm		Length 250 mm		Length 300 mm		Length 350 mm	
	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs
100	13312	**71,30 €**	13592	**78,30 €**	13313	**78,30 €**	13314	**88,85 €**	13315	**105,60 €**
125	13324	**78,30 €**	13593	**92,70 €**	13325	**92,70 €**	13326	**99,75 €**	13327	**115,95 €**
150	13336	**85,60 €**	13594	**99,65 €**	13337	**99,65 €**	13338	**106,95 €**	13339	**131,05 €**
200	13348	**107,05 €**	13595	**124,40 €**	13349	**124,40 €**	13350	**128,10 €**	13351	**157,25 €**
250	13360	**138,90 €**	13596	**163,45 €**	13361	**163,45 €**	13362	**174,15 €**	13363	**196,15 €**
300	13372	**152,95 €**	13597	**174,15 €**	13373	**174,15 €**	13374	**205,85 €**	13375	**234,75 €**
350	13384	**187,75 €**	*	*	13385	**212,95 €**	13386	**237,90 €**	13387	**281,70 €**
400	13396	**199,55 €**	*	*	13397	**231,40 €**	13398	**263,55 €**	13399	**319,25 €**
500	13420	**314,30 €**	*	*	13421	**404,30 €**	13422	**404,30 €**	13423	**496,65 €**
600	13432	**364,90 €**	*	*	13433	**480,55 €**	13434	**480,55 €**	13435	**594,40 €**
700	13444	**404,30 €**	*	*	13445	**558,45 €**	13446	**608,80 €**	13447	**685,10 €**
800	13456	**451,75 €**	*	*	13457	**655,40 €**	13458	**731,90 €**	13459	**777,80 €**

ID sleeves	Length 365 mm		Length 400 mm		Length 450 mm		Length 500 mm		Length 600 mm	
	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs
100	13478	**106,95 €**	13316	**106,95 €**	13317	**126,55 €**	13318	**128,10 €**	13319	**147,15**
125	13479	**117,45 €**	13328	**117,45 €**	13329	**134,85 €**	13330	**136,30 €**	13331	**155,65**
150	13494	**132,75 €**	13340	**132,75 €**	13341	**174,90 €**	13342	**176,70 €**	13343	**200,45**
200	13495	**158,60 €**	13352	**158,60 €**	13353	**180,45 €**	13354	**182,65 €**	13355	**208,75**
250	13598	**198,00 €**	13364	**198,00 €**	13365	**214,20 €**	13366	**216,55 €**	13367	**241,60**
300	13599	**237,90 €**	13376	**237,90 €**	13377	**259,95 €**	13378	**263,35 €**	13379	**288,75**
350	*	*	13388	**287,85 €**	13389	**330,95 €**	13390	**337,90 €**	13391	**364,80**
400	*	*	13400	**327,35 €**	13401	**355,05 €**	13402	**379,20 €**	13403	**413,50**
500	*	*	13424	**496,65 €**	13425	**559,75 €**	13426	**584,75 €**	13427	**636,25**
600	*	*	13436	**594,40 €**	13437	**655,60 €**	13438	**707,85 €**	13439	**773,30**
700	*	*	13448	**722,00 €**	13449	**802,90 €**	13450	**878,60 €**	13451	**1.005,15**
800	*	*	13460	**848,55 €**	13461	**949,50 €**	13462	**1.050,05 €**	13463	**1.241,75 €**

ID sleeves	Length 700 mm		Length 800 mm		Length 1000 mm		Length 1200 mm		Length 1500 mm	
	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs	Art.No.	€/pcs
100	13320	**167,35 €**	13321	**187,50 €**	13322	**227,20 €**	13323	**265,05 €**	13470	**331,30 €**
125	13332	**174,90 €**	13333	**194,85 €**	13334	**233,10 €**	13335	**271,30 €**	13471	**339,05 €**
150	13344	**225,75 €**	13345	**250,30 €**	13346	**297,30 €**	13347	**350,10 €**	13472	**437,60 €**
200	13356	**236,70 €**	13357	**258,95 €**	13358	**305,75 €**	13359	**358,65 €**	13473	**448,30 €**
250	13368	**266,35 €**	13369	**288,40 €**	13370	**342,65 €**	13371	**391,90 €**	13474	**489,90 €**
300	13380	**313,40 €**	13381	**340,15 €**	13382	**385,85 €**	13383	**439,60 €**	13475	**549,40 €**
350	13392	**382,05 €**	13393	**418,95 €**	13394	**491,05 €**	13395	**566,85 €**	13476	**708,50 €**
400	13404	**468,40 €**	13405	**527,40 €**	13406	**640,75 €**	13407	**754,05 €**	13477	**942,50 €**
500	13428	**686,45 €**	13429	**740,00 €**	13430**	**842,85 €**	-	-	-	-
600	13440	**835,95 €**	13441	**899,50 €**	13442**	**1.000,45 €**	-	-	-	-
700	13452	**1.095,05 €**	13453	**1.176,70 €**	13454**	**1.271,25 €**	-	-	-	-
800	13464	**1.342,75 €**	13465	**1.446,40 €**	13466**	**1.542,25 €**	-	-	-	-

*on request
**max. Length L=960 ±20 mm tolerance
*** A surcharge for dangerous goods is coming on top of transport costs for split wall sleeves.

Additional sizes on request.
Prices incl. epoxy adhesive for joining half-shells.
No stock item!

+12% surcharge from 20th of April 2026 until further notice

Product group 410

Description	ID in mm	OD in mm	Length in mm*	Art.No.	€/pcs
PVC Wall Sleeve	50	54	400	13000	**10,75 €**
	60	64	400	13001	**11,75 €**
	70	75	400	13002	**12,70 €**
	70	75	2000**	13058	**56,80 €**
	80	85	400	13003	**14,05 €**
	80	85	2000**	13019	**62,85 €**
	90	95	400	13004	**15,05 €**
	100	106	400	13005	**16,35 €**
	125	131	400	13007	**31,50 €**
	125	131	3000**	13066	**110,20 €**
	150	160	400	13008	**42,80 €**
	150	160	3000**	13065	**215,00 €**
	200	210	400	13009	**53,75 €**
	200	210	1500	13061	**155,70 €**
	300	315	400	13013	**109,50 €**
	300	315	1000	13064	**201,10 €**
Increased wall thickness	100	110	400	13006	**22,80 €**
	100	110	3000**	13018	**175,00 €**
	250	280	400	13010	**220,50 €**
	250	280	1000	13062	**381,85 €**

*other length on request **Attention bulky goods freight surcharge for lengths ≥ 2 m

Description	ID in mm	OD in mm	OD bonding flange in mm	Length in mm*	Art.No.	€/pcs
PVC Wall Sleeve with bonding flange	80	85	185	400	13873	**85,35 €**
	100	110	210	400	13876	**102,10 €**
	125	131	231	400	13877	**95,30 €**
	150	160	260	400	13878	**112,50 €**
	200	210	310	400	13879	**144,35 €**
	250	280	380	400	13880	**293,25 €**
	300	315	415	400	13881	**204,35 €**

*other length on request

Wall Sleeve with formed bell and seal	ID in mm	OD bell in mm	Length in mm	Art.No.	€/pcs
	100	110	500	13011	**56,45 €**

Wall Sleeve mounting cap PE	Ø ID PVC wall sleeve in mm	Art.No.	€/pcs
	80	13020	**4,20 €**
	100	13021	**4,70 €**
	125	13022	**6,35 €**
	150	13023	**8,50 €**
	200	13024	**10,40 €**
	250	13025	**12,70 €**
	300	13026	**15,30 €**

Shaft Linings PVC	for pipe OD in mm	Length in mm	Art.No.	€/pcs
with internal lip seal for pushing in the medium pipe	110	110	13030	**on request**
	110	250	13032	**on request**
	110	300	13035	**on request**
	125	110	13038	**on request**
	125	250	13033	**on request**
	125	300	13036	**on request**
	160	110	13031	**on request**
	160	250	13034	**on request**
	160	300	13037	**on request**

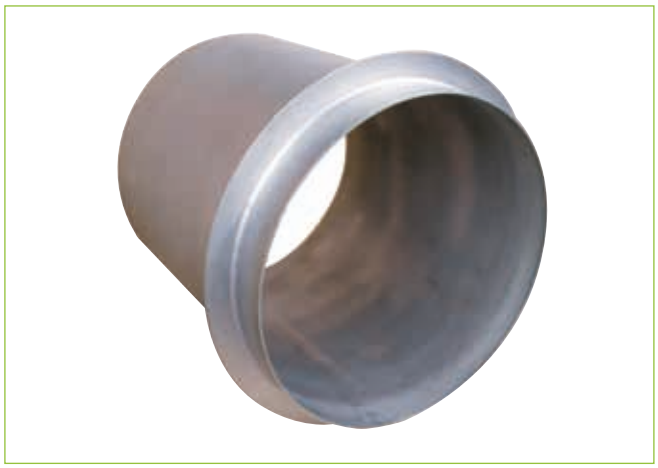
Product group 400

	Description	Unit	Art.No.	€/pcs
	Epoxy resin for conservation of core drilled holes, 2 Components	1,0 kg unit	13099*	**89,95 €**
	1K Beto-coat paint for conservation of core drilled holes	750 ml can	13096*	**56,25 €**

*For this article we charge a dangerous goods surcharge in addition to the freight costs

Product group 420

Steel wall sleeve with middle collar circular 50 mm height, fully welded from both sides.



Steel wall sleeves bright black, galvanised or made of stainless steel on request.

All sleeves are made to order, please consider respective delivery period.

Conical Sealing Plug, Sealing Compound 4 pipes

+12% surcharge from 20th of April 2026 until further notice

Product group 410

Description	For Casing ID Ø in mm	For Carrier Pipe OD Ø in mm	Fits Flexible Casing pipe ND/OD	Art.No.	€/pcs
Conical sealing plug for underground pipeline against non pressing water	37 - 43	Blind*	50 / 50	12940	**5,30 €**
		32		12941	**4,05 €**
	45 - 55	Blind*	63 / 64	12945	**6,55 €**
		32		12946	**5,45 €**
		40		12947	**5,45 €**
	54 - 64	Blind*	75 / 76	12950	**7,95 €**
		32		12951	**6,25 €**
		40		12952	**6,25 €**
		50		12953	**6,25 €**
	62 - 72	Blind*		12955	**8,95 €**
		32		12956	**7,15 €**
		40		12957	**7,15 €**
		50		12958	**7,15 €**
	70 - 80	Blind*	90 / 91	12960	**9,85 €**
		32		12961	**7,55 €**
		40		12962	**7,55 €**
		50		12963	**7,55 €**
		63		12964	**7,55 €**
		32 + 12* *Ø32 and Ø12 prepared with blind plugs		12965	**15,05 €**
	85 - 95	Blind*	110 / 111	12970	**14,20 €**
		32		12971	**12,20 €**
		40		12972	**12,20 €**
		50		12973	**12,20 €**
		63		12974	**12,20 €**
	96 - 106	Blind*	120 / 118	12980	**16,85 €**
		32		12981	**15,05 €**
		40		12982	**15,05 €**
		50		12983	**15,05 €**
		63		12984	**15,05 €**
		32 + 2×7* *2x Ø7 prepared with blind plugs		12986	**18,10 €**
		40* + 1×12* *Ø40 and Ø12 prepared with blind plugs		12987	**21,65 €**

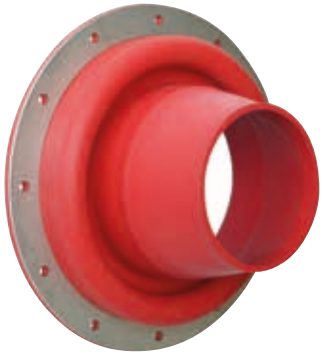
** Number and possible size of drilled holes on request. 8,00 EUR per hole.

Product group 225 – STOPAQ Sealing Compound 4 pipes

	Description	Type	PU	Art.No.	€/pcs
	Sealing compound for wall penetration permanently elastic	STOPAQ 2100 Aquastop cartridge 0,33 kg	25	11100	**61,45 €**
		STOPAQ 2100 Aquastop cartridge 0,62 kg	20	11107	**86,25 €**
	Accessories				
	Grouting tool* for 0,33 kg cartridge	-	1	11103*	**38,80 €**
	Grouting tool* for 0,62 kg cartridge	-	1	11104*	**148,75 €**
	Foam tape, roll à 5 m	-	15	11105	**14,95 €**
	Cement, 0,5 kg	for 2100	20	11106	**24,85 €**

* No discount on tools

Product group 850

Description	Pipe OD in mm	max. core drilled hole Ø in mm	OD wall flange in mm	Art.No.	€/pcs
 Compensating seal for wall penetrations of moving or setteling pipelines.Pressure tight up to 1,0 bar Expansion ± 40 mm possible **Prices incl. stainless steel fastening straps, screws, dowels and special adhesive.**	KMR DA 75-90-110	150 / 200	350	20050	**447,50 €**
	KMR DA 125-140-160	200 / 250	400	20051	**553,30 €**
	KMR DA 180-200-225	300	450	20052	**733,25 €**
	KMR DA 250-280-315	350 / 400	565	20053	**919,25 €**
	KMR DA 355-400	450 / 500	650	20054	**1.113,00 €**
	KMR DA 450-500	550 / 600	750	20055	**1.394,25 €**
	KMR DA 560-630	650 / 700	880	20056	**1.843,80 €**
	KMR DA 670	800	950	20058	**2.130,90 €**
	KMR DA 710-800	800 / 900	1050	20057	**2.518,30 €**

Other dimensions on request.
Hex Head screws M12 mm DIN 571 – Dowels 14 mm – Thickness of seal 8 mm ± 1 mm

Product group 420

Wall sleeve with flange for Compenseal

Description	Pipe OD in mm	Sleeve ID in mm	Flange OD in mm	Art.No.	€/pcs	Art.No. of suitable Compenseal
S304 stainless steel wallsleeve, length 500 mm, for perfect connection with 4 pipes Compenseal wall penetration seals	KMR DA 75-90-110	200	370	38100	**1.510,95 €**	20050
	KMR DA 125-140-160	250	420	38101	**1.794,90 €**	20051
	KMR DA 180-200-225	300	470	38102	**1.951,45 €**	20052
	KMR DA 250-280-315	400	585	38103	**2.400,35 €**	20053
	KMR DA 355-400	500	670	38104	**2.945,95 €**	20054
	KMR DA 450-500	600	770	38105	**3.813,00 €**	20055
	KMR DA 560-630	700	900	38106	**4.007,40 €**	20056
	KMR DA 670	800	970	38107	**4.695,60 €**	20058
	KMR DA 710-800	900	1070	38108	**5.392,15 €**	20057

Casing Seal Type KMR 4 pipes

+12% surcharge from 20th of April 2026 until further notice

Product group 800

Art.No.	Description	€/pcs
19810	Casing seal 4 pipes Type KMR OD 75 x DN 100	**212,40 €**
19811	Casing seal 4 pipes Type KMR OD 75 x DN 125	**219,80 €**
19812	Casing seal 4 pipes Type KMR OD 75 x DN 150	**249,00 €**
19813	Casing seal 4 pipes Type KMR OD 75 x DN 200	**271,05 €**
19819	Casing seal 4 pipes Type KMR OD 90 x DN 150	**249,00 €**
19820	Casing seal 4 pipes Type KMR OD 90 x DN 200	**290,10 €**
19821	Casing seal 4 pipes Type KMR OD 90 x DN 250	**307,65 €**
19824	Casing seal 4 pipes Type KMR OD 110 x DN 150	**256,45 €**
19825	Casing seal 4 pipes Type KMR OD 110 x DN 200	**294,45 €**
19826	Casing seal 4 pipes Type KMR OD 110 x DN 250	**350,05 €**
19829	Casing seal 4 pipes Type KMR OD 125 x DN 150	**271,05 €**
19830	Casing seal 4 pipes Type KMR OD 125 x DN 200	**301,10 €**
19831	Casing seal 4 pipes Type KMR OD 125 x DN 250	**351,55 €**
19799	Casing seal 4 pipes Type KMR OD 140 x DN 200	**307,65 €**
19832	Casing seal 4 pipes Type KMR OD 140 x DN 250	**354,55 €**
19833	Casing seal 4 pipes Type KMR OD 140 x DN 300	**416,00 €**
19834	Casing seal 4 pipes Type KMR OD 160 x DN 200	**344,25 €**
19835	Casing seal 4 pipes Type KMR OD 160 x DN 250	**358,85 €**
19836	Casing seal 4 pipes Type KMR OD 160 x DN 300	**411,65 €**
19839	Casing seal 4 pipes Type KMR OD 200 x DN 250	**471,60 €**
19840	Casing seal 4 pipes Type KMR OD 200 x DN 300	**480,40 €**
19841	Casing seal 4 pipes Type KMR OD 200 x DN 350	**515,50 €**
19842	Casing seal 4 pipes Type KMR OD 225 x DN 300	**480,40 €**
19843	Casing seal 4 pipes Type KMR OD 225 x DN 400	**588,65 €**
19844	Casing seal 4 pipes Type KMR OD 250 x DN 300	**527,30 €**
19845	Casing seal 4 pipes Type KMR OD 250 x DN 350	**539,05 €**
19846	Casing seal 4 pipes Type KMR OD 250 x DN 400	**594,65 €**
19849	Casing seal 4 pipes Type KMR OD 315 x DN 350	**607,75 €**
19850	Casing seal 4 pipes Type KMR OD 315 x DN 400	**615,00 €**
19851	Casing seal 4 pipes Type KMR OD 315 x DN 450	**714,75 €**
19855	Casing seal 4 pipes Type KMR OD 355 x DN 450	**664,60 €**
19856	Casing seal 4 pipes Type KMR OD 355 x DN 500	**724,95 €**
19859	Casing seal 4 pipes Type KMR OD 400 x DN 450	**716,50 €**
19860	Casing seal 4 pipes Type KMR OD 400 x DN 500	**724,95 €**
19861	Casing seal 4 pipes Type KMR OD 400 x DN 550	**798,15 €**
19864	Casing seal 4 pipes Type KMR OD 450 x DN 500	**719,15 €**
19865	Casing seal 4 pipes Type KMR OD 450 x DN 550	**808,35 €**
19866	Casing seal 4 pipes Type KMR OD 450 x DN 600	**995,80 €**
19870	Casing seal 4 pipes Type KMR OD 500 x DN 600	**929,90 €**
19871	Casing seal 4 pipes Type KMR OD 500 x DN 650	**992,85 €**
19875	Casing seal 4 pipes Type KMR OD 560 x DN 650	**987,05 €**
19876	Casing seal 4 pipes Type KMR OD 560 x DN 700	**1.054,35 €**
19880	Casing seal 4 pipes Type KMR OD 630 x DN 700	**1.047,00 €**
19881	Casing seal 4 pipes Type KMR OD 630 x DN 750	**1.099,80 €**
19885	Casing seal 4 pipes Type KMR OD 670 x DN 750	**1.071,90 €**
19886	Casing seal 4 pipes Type KMR OD 670 x DN 800	**1.168,60 €**
19890	Casing seal 4 pipes Type KMR OD 710 x DN 800	**1.188,95 €**
19891	Casing seal 4 pipes Type KMR OD 710 x DN 850	**1.243,30 €**
19900	Casing seal 4 pipes Type KMR OD 800 x DN 900	**1.364,75 €**
19901	Casing seal 4 pipes Type KMR OD 800 x DN 950	**1.410,15 €**
19910	Casing seal 4 pipes Type KMR OD 900 x DN 1000	**1.540,35 €**
19911	Casing seal 4 pipes Type KMR OD 900 x DN 1050	**1.544,80 €**
19920	Casing seal 4 pipes Type KMR OD 1000 x DN1100	**1.628,30 €**
19921	Casing seal 4 pipes Type KMR OD 1000 x DN1150	**1.683,90 €**
19927	Casing seal 4 pipes Type KMR OD 1100 x DN1200	**1.774,70 €**
19928	Casing seal 4 pipes Type KMR OD 1200 x DN1300	**2.035,25 €**

A pressure tightness of 1,0 bar can be reached up to an annular space of 75 mm

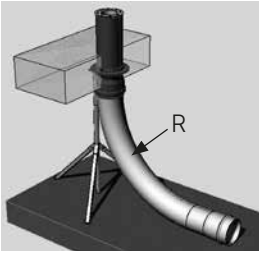
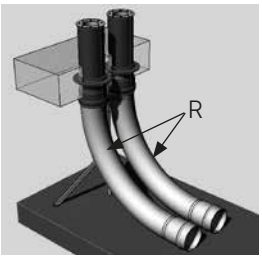
Casing seal pressure tight up to 1,0 bar.
Set including sealing compound and stainless steel straps.

Other sizes on request.

Not a stock item, made to order.

Custom made flanged sealing sleeve in closed or split version, only on request.

Product group 275

	Set for baseplate	Description	R = 800 mm Art.No.	R = 800 mm €/pcs	R = 1000 mm* Art.No.	R = 1000 mm* €/pcs	R = 1200 mm* Art.No.	R = 1200 mm* €/pcs
single	**Set 4 heating: Single district heating baseplate penetration** 	**Scope of delivery complete set** **Basic set** • Baseplate penetration incl. wall colar, one casing pipe for flexible preinsulated pipes up to 140 mm max. • One mounting stand: telescoping tripod incl. fixing accessories for tripod • One PVC-pipe bend • Protective endcaps **Installation kit** • One kit of centering ring (system raci) • One Pressio®-Rings seal Type FW 2×40 mm with oversized flange						
	Basic set	Empty conduit system **without sealing**	09600	**741,95 €**	09659	**815,10 €**	09674	**1.046,05 €**
	Complete set (incl. installation kit)	for flexible preinsulated pipe **OD 69 - 78 mm**	09605	**965,60 €**	09660	**1.061,75 €**	09675	**1.248,80 €**
		for flexible preinsulated pipe **OD 88 - 103 mm**	09601		09661		09676	
		for flexible preinsulated pipe **OD 108 - 115 mm**	09602		09662		09677	
		for flexible preinsulated pipe **OD 119 - 128 mm**	09603		09663		09678	
		for flexible preinsulated pipe **OD 135 - 144 mm**	09604					
double	**Set 4 heating: Double district heating baseplate penetration** 	**Scope of delivery complete set** **Basic set** • Baseplate penetration incl. wall colar, two casing pipes for flexible preinsulated pipes OD 90 mm up to 140 mm max. • One mounting stand: extendable tripod incl. fixing accessories for tripod • Two PVC-pipe bends • Protective endcaps **Installation kit** • Two kits of centering ring (system raci) • Two Pressio®-Rings seal Type FW 2×40 mm with oversized flange						
	Basic set	Empty conduit system **without sealing**	09610	**1.039,80 €**	09665	**1.301,05 €**	09684	**1.776.50 €**
	Complete set (incl. installation kit)	for flexible preinsulated pipe **2x OD 69 - 78 mm**	09615	**1.510,05 €**	09666	**1.771,30 €**	09685	**2.246,75 €**
		for flexible preinsulated pipe **2x OD 88 - 103 mm**	09611		09667		09686	
		for flexible preinsulated pipe **2x OD 108 - 115 mm**	09612		09668		09687	
		for flexible preinsulated pipe **2x OD 119 - 128 mm**	09613		09669		09688	
		for flexible preinsulated pipe **2x OD 135 - 144 mm**	09614					

Installation kit	**for subsequent addition to the basic set****	**Art.No.**	**€/pcs**
• One Pressio®-Rings seal type FW with oversized flange • One set of centering ring (system raci)	for flexible preinsulated pipe **OD 69 - 78 mm**	09625	**287,40 €**
	for flexible preinsulated pipe **OD 88 - 103 mm**	09621	
	for flexible preinsulated pipe **OD 108 - 115 mm**	09622	
	for flexible preinsulated pipe **OD 119 - 128 mm**	09623	
	for flexible preinsulated pipe **OD 135 - 144 mm**	09624	

*** Oversized pallets, any free carriage limit does not apply here. Shipped as one unit per pallet, bulky freight.**

**** Für ein 2-fach Set werden 2 Installations-Sets benötigt**

Accessories / spare parts		
Product group 300		
Wall collar for OD 200 mm incl. steel straps	12811	**44,10 €**
Product group 410		
PE endcap DN 200 - protective cover	13024	**10,40 €**
Product group 750		
Rubber endseal AKT DN 200/150-0 mm incl. steel straps	18091	**42,55 €**

+12% surcharge from 20th of April 2026 until further notice

Product group 300

Wall collar material: rubber	OD pipe in mm	Range from pipe OD	Range to pipe OD	PU	Art.No.	€/pcs
	20/25	18	25	100	12838	**29,85 €**
	32	29	32	90	12800	**29,85 €**
	40	38	42	90	12801	**29,85 €**
	50	48	53	70	12802	**29,85 €**
	63	60	64	70	12803	**30,85 €**
	75	71	80	50	12804	**33,65 €**
	90	84	92	40	12805	**35,25 €**
	100	95	105	30	12839	**36,85 €**
	110	108	116	25	12806	**38,05 €**
	125	120	130	20	12807	**40,90 €**
	140	135	148	20	12808	**41,60 €**
	160	154	166	15	12809	**41,95 €**
	170	166	171	12	12850	**42,45 €**
	180	175	190	12	12810	**43,35 €**
	200	195	210	10	12811	**44,10 €**
	225	215	230	10	12812	**45,60 €**
	250	245	260	10	12813	**46,65 €**
	280	273	290	10	12814	**48,75 €**
	315	310	327	10	12815	**61,75 €**
	355	350	365	10	12816	**83,75 €**
	400	395	410	10	12817	**93,60 €**
	450	440	460	10	12818	**98,40 €**
	500	495	515	10	12819	**110,05 €**
	560	555	580	10	12820	**120,30 €**
	630	625	650	-	12821	**131,90 €**
	710	705	735	-	12822	**145,30 €**
	800	795	830	-	12823	**161,05 €**
	900	895	930	-	12824	**192,65 €**
	1000	995	1030	-	12825	**226,30 €**
	1200	1195	1240	-	12826	**267,00 €**
	1400	1395	1450	-	12827	**284,20 €**

Wall collar for flash protection	OD pipe in mm	Range from pipe OD	Range to pipe OD	PU	Art.No.	€/pcs
	8	7	10	-	12835	**25,80 €**
	12	10	14	-	12836	**25,80 €**
	30×3	30×2	30×5	-	12837	**25,80 €**

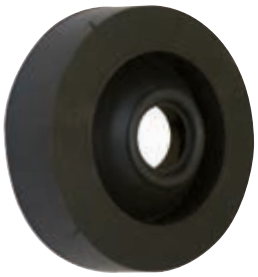
Price incl. stainless steel fixing bands

Double wall collar XL	OD pipe in mm	OD in mm	Art.No.	€/pcs
	25	77	12770	**21,95 €**
	32	84	12771	**23,00 €**
	40	92	12772	**26,10 €**
	50	102	12773	**29,85 €**
	63	115	12774	**31,80 €**
	75	127	12775	**33,65 €**
	90	142	12776	**35,30 €**
	100	152	12777	**36,85 €**
	110	162	12778	**38,05 €**
	125	177	12779	**40,90 €**
	140	192	12781	**41,80 €**
	150	202	12782	**41,95 €**
	160	212	12783	**41,95 €**
	175	227	12784	**42,45 €**
	200	252	12785	**44,10 €**
	225	277	12786	**45,20 €**
	250	302	12787	**46,65 €**
	315	367	12788	**65,80 €**

Product group 330

Manhole connector P-MC	Pipe OD in mm	Drilled hole Ø in mm	Art.No.	€/pcs
Rubber **- EPDM** **- NBR on request**	110	138	22900	**16,10 €**
	125	151	22901	**17,15 €**
	160	186	22902	**20,15 €**
	200	226	22903	**23,55 €**
	250	276	22904	**30,30 €**
	315	341	22905	**37,15 €**
	400	426	22906	**46,35 €**
	500	526	22907	**57,25 €**
	630	656	22908	**71,15 €**

Product group 410

Rubber support ring	ID or wall sleeve in mm	Ø carrier pipe in mm	Artikel-No.	€/pcs
	DI 70	18-32	13040	**4,35 €**
	DI 70	40	13039	**4,35 €**
	DI 80	25-42	13041	**4,70 €**
	DI 80	45-52	13042	**4,70 €**
	DI 90	25-42	13043	**4,85 €**
	DI 90	42-54	13044	**4,85 €**
	DI 99-103,6	20-25	13045	**5,15 €**
	DI 99-103,6	32-40	13046	**5,15 €**
	DI 99-103,6	40-56	13047	**5,15 €**
	DI 99-103,6	56-66	13048	**5,15 €**

Rubber-Steel Flange Gasket Type RSG For Steel And Cast Iron Flanges

+12% surcharge from 20th of April 2026 until further notice

Product group 425 up to and including DN 300;
Product group 450 from size DN 350 and larger

DIN DVGW CERT

Drinking water WRAS, ACS BWGL/EN 16421

FKM

DN	Dimensions in mm EN 1514-1 ISO 7483	Pressure rate PN 6	10	16	25	40	Art.No.	Rubber Nitrile* €/pcs	Art.No.	Rubber EPDM-BWGL** €/pcs	Art.No.	Rubber FKM €/pcs
15	22 × 51 × 4		x	x	x	x	13500	**4,10 €**	13600	**4,65 €**	13700	**10,10 €**
20	27 × 61 × 4		x	x	x	x	13501	**4,20 €**	13601	**4,80 €**	13701	**10,95 €**
25	34 × 71 × 4		x	x	x	x	13502	**5,05 €**	13602	**5,80 €**	13702	**11,45 €**
32	43 × 76 × 4	x					13503	**5,25 €**	13603	**6,00 €**	13703	**12,80 €**
	43 × 82 × 4		x	x	x	x	13504	**5,25 €**	13604	**6,00 €**	13704	**15,15 €**
40	49 × 92 × 4		x	x	x	x	13505	**5,55 €**	13605	**6,30 €**	13705	**18,25 €**
50	61 × 96 × 5	x					13506	**5,95 €**	13606	**6,75 €**	13706	**33,85 €**
	61 × 107 × 5		x	x	x	x	13507	**5,95 €**	13607	**6,75 €**	13707	**33,85 €**
65	77 × 116 × 5	x					13508	**6,10 €**	13608	**7,00 €**	13708	**36,25 €**
	77 × 127 × 5		x	x	x	x	13509	**6,10 €**	13609	**7,00 €**	13709	**36,25 €**
80	89 × 132 × 5	x					13582	**6,20 €**	13682	**7,10 €**	13782	**37,55 €**
	89 × 142 × 4		x	x	x	x	13510	**6,20 €**	13610	**7,10 €**	13710	**46,20 €**
100	115 × 152 × 6	x					13511	**6,95 €**	13611	**7,90 €**	13711	**59,75 €**
	115 × 162 × 5		x	x			13512	**6,95 €**	13612	**7,90 €**	13712	**59,75 €**
	115 × 168 × 6				x	x	13513	**7,00 €**	13613	**7,95 €**	13713	**64,45 €**
125	141 × 182 × 6	x					13514	**8,05 €**	13614	**9,20 €**	13714	**70,70 €**
	141 × 192 × 5		x	x			13515	**8,05 €**	13615	**9,20 €**	13715	**70,70 €**
	141 × 194 × 6				x	x	13516	**8,25 €**	13616	**9,45 €**	13716	**71,90 €**
150	169 × 207 × 7	x					13517	**9,55 €**	13617	**10,95 €**	13717	**91,75 €**
	169 × 218 × 5		x	x			13518	**9,70 €**	13618	**11,10 €**	13718	**91,75 €**
	169 × 224 × 7				x	x	13519	**10,15 €**	13619	**11,60 €**	13719	**99,80 €**
200	220 × 262 × 7	x					13520	**10,85 €**	13620	**12,40 €**	13720	**123,75 €**
	220 × 273 × 6		x	x			13521	**12,90 €**	13621	**14,75 €**	13721	**123,75 €**
	220 × 284 × 7				x		13522	**13,45 €**	13622	**15,35 €**	13722	**124,65 €**
	220 × 290 × 7					x	13523	**15,40 €**	13623	**17,60 €**	13723	**128,50 €**
250	273 × 317 × 7	x					13524	**14,70 €**	13624	**16,80 €**	13724	**132,90 €**
	273 × 328 × 6		x				13525	**14,70 €**	13625	**16,80 €**	13725	**139,05 €**
	273 × 329 × 7			x			13526	**14,80 €**	13626	**16,90 €**	13726	**139,05 €**
	273 × 340 × 7				x		13527	**15,40 €**	13627	**17,60 €**	13727	**140,25 €**
	273 × 352 × 7					x	13528	**15,80 €**	13628	**18,05 €**	13728	**145,70 €**
300	324 × 373 × 6	x					13529	**18,85 €**	13629	**21,55 €**	13729	**163,95 €**
	324 × 378 × 6		x				13530	**19,00 €**	13630	**21,65 €**	13730	**163,95 €**
	324 × 384 × 7			x			13531	**19,50 €**	13631	**22,25 €**	13731	**174,40 €**
	324 × 400 × 7				x		13532	**20,95 €**	13632	**23,90 €**	13732	**202,75 €**
	324 × 417 × 7					x	13533	**23,05 €**	13633	**26,30 €**	13733	**215,35 €**
350	356 × 423 × 7	x					13534	**21,25 €**	13634	**24,30 €**	13734	**224,25 €**
	356 × 438 × 7		x				13535	**21,50 €**	13635	**24,60 €**	13735	**224,25 €**
	356 × 444 × 7			x			13536	**21,85 €**	13636	**24,95 €**	13736	**231,00 €**
	356 × 457 × 7				x		13537	**22,20 €**	13637	**25,35 €**	13737	**234,15 €**
	356 × 474 × 7					x	13538	**24,45 €**	13638	**27,95 €**	13738	**234,85 €**

* Nitrile Gas approval DVGW
** Conformity UBA/KTW-BWGL & EN 16421, WRAS certificate, ACS certificate on request

Further sizes, pressure rates and sealings on request

Product group 425 up to and including DN 300; Product group 450 from size DN 350 and larger

DN	Dimensions in mm EN 1514-1 ISO 7483	Pressure rate PN 6	10	16	25	40	Art.No.	Rubber Nitrile* €/pcs	Art.No.	Rubber EPDM-BWGL** €/pcs	Art.No.	Rubber FKM €/pcs
							DIN DVGW CERT		Drinking water WRAS, ACS BWGL/EN 16421		FKM	
400	407 × 473 × 7	x					13539	**23,75 €**	13639	**27,15 €**	13739	**251,75 €**
	407 × 489 × 7		x				13540	**25,05 €**	13640	**28,60 €**	13740	**251,75 €**
	407 × 495 × 7			x			13541	**25,45 €**	13641	**29,05 €**	13741	**255,90 €**
	407 × 514 × 7				x		13542	**25,90 €**	13642	**29,60 €**	13742	**256,95 €**
	407 × 546 × 7					x	13543	**26,85 €**	13643	**30,70 €**	13743	**269,75 €**
450	458 × 539 × 7		x				13545	**25,90 €**	13645	**29,60 €**	13745	**281,80 €**
500	508 × 578 × 7	x					13549	**41,85 €**	13649	**47,80 €**	13749	**382,60 €**
	508 × 594 × 7		x				13550	**42,15 €**	13650	**48,20 €**	13750	**402,90 €**
	508 × 617 × 7			x			13551	**44,25 €**	13651	**50,60 €**	13751	**405,35 €**
	508 × 624 × 7				x		13552	**44,25 €**	13652	**50,60 €**	13752	**405,50 €**
	508 × 628 × 7					x	13580	**50,00 €**	13680	**57,10 €**	13780	**435,35 €**
600	610 × 679 × 7	x					13553	**48,40 €**	13653	**55,30 €**	13753	**525,90 €**
	610 × 695 × 7		x				13554	**51,25 €**	13654	**58,60 €**	13754	**525,90 €**
	610 × 734 × 7			x			13555	**51,50 €**	13655	**58,90 €**	13755	**592,60 €**
	610 × 731 × 7				x		13556	**53,70 €**	13656	**61,35 €**	13756	**601,95 €**
	610 × 747 × 7					x	13581	**57,05 €**	13681	**65,15 €**	13781	**614,55 €**
700	712 × 784 × 8	x					13557	**68,60 €**	13657	**78,40 €**	13757	**624,70 €**
	712 × 810 × 8		x				13558	**70,45 €**	13658	**80,45 €**	13758	**624,70 €**
	712 × 804 × 8			x			13559	**70,45 €**	13659	**80,45 €**	13759	**629,65 €**
	712 × 833 × 8				x		13560	**75,20 €**	13660	**85,95 €**	13760	**629,65 €**
800	813 × 890 × 8	x					13561	**99,00 €**	13661	**113,10 €**	13761	**645,10 €**
	813 × 917 × 8		x				13562	**101,15 €**	13662	**115,60 €**	13762	**686,35 €**
	813 × 911 × 8			x			13563	**106,15 €**	13663	**121,30 €**	13763	**690,50 €**
	813 × 942 × 8				x		13564	**112,75 €**	13664	**128,85 €**	13764	**697,40 €**
900	915 × 990 × 8	x					13565	**117,30 €**	13665	**134,05 €**	-	**-**
	915 × 1017 × 8		x				13566	**119,10 €**	13666	**136,10 €**	-	**-**
	915 × 1011 × 8			x			13567	**120,30 €**	13667	**137,45 €**	-	**-**
	915 × 1042 × 8				x		13568	**122,20 €**	13668	**139,65 €**	-	**-**
1000	1016 × 1090 × 8	x					13569	**124,35 €**	13669	**142,10 €**	-	**-**
	1016 × 1124 × 8		x				13570	**125,25 €**	13670	**143,20 €**	-	**-**
	1016 × 1128 × 8			x			13571	**147,50 €**	13671	**168,60 €**	-	**-**
	1020 × 1154 × 8				x		13572	**162,20 €**	13672	**185,35 €**	-	**-**
1100	1120 × 1231 × 8		x				13585	**236,85 €**	13685	**270,70 €**	-	**-**
1200***	1220 × 1307 × 8	x					13573	**346,25 €**	13673	**395,70 €**	-	**-**
	1220 × 1341 × 8		x	x			13574	**348,55 €**	13674	**398,25 €**	-	**-**
	1220 × 1364 × 8				x		13575	**358,00 €**	13675	**409,15 €**	-	**-**
1400***	1420 × 1548 × 8		x				13576	**433,20 €**	13676	**495,05 €**	-	**-**
1600***	1620 × 1772 × 8		x				-	**-**	13677	**546,20 €**	-	**-**
1800***	1820 × 1972 × 8		x				-	**-**	13678	**697,45 €**	-	**-**
2000***	2020 × 2182 × 8		x				-	**-**	13679	**775,60 €**	-	**-**

* Nitrile Gas approval DVGW
** Conformity UBA/KTW-BWGL & EN 16421, WRAS certificate, ACS certificate on request
***** Attention! Special delivery conditions for RSG ND 1200: ex works - bulty goods**

Further sizes, pressure rates and sealings on request

Rubber-Steel Flange Gasket Type RSG-TW-K-BWGL, RSG-G-K, RSG-FKM-K For Plastic Flanges

Product group 425 up to OD 315; Product group 450 from size OD 355 mm and larger

Rubber-steel flange seals type RSG-TW-K-BWGL are suitable for PE / PP / PVC / PVDF pressure pipelines (SDR), flanges connections with plastic pre-welded collars, loose flanges and flange similar to DIN 16962-4 (PP)/ DIN 16963-4 (PE)/ DIN EN 1092-1 (DIN 2501 PN 10/16)

					RSG-G-K		RSG-TW-K-BWGL		RSG-FKM-K	
OD pipe in mm	SDR	Similar to DIN EN 1092-1 DIN 2501	Similar to DIN 16962 Teil 4 DIN 16963 Teil 4	Dimensions in mm	Art.No.	Rubber Nitrile* €/pcs	Art.No.	Rubber EPDM-BWGL** €/pcs	Art.No.	Rubber FKM-K €/pcs
10		x		16 × 46 × 4	27548	**4,25 €**	27648	**4,85 €**	27448	**12,65 €**
20		x		20 × 51 × 4	27500	**4,95 €**	27600	**5,70 €**	27400	**13,00 €**
25	11	x	x	22 × 61 × 4	27501	**5,60 €**	27601	**6,35 €**	27401	**15,65 €**
32	11	x	x	28 × 71 × 4	27502	**6,50 €**	27602	**7,45 €**	27402	**21,25 €**
40	11		x	34 × 82 × 4	27503	**7,90 €**	27603	**9,00 €**	27403	**28,55 €**
		x		40 × 82 × 4	27504	**7,00 €**	27604	**7,95 €**	27404	**28,95 €**
50	17	x	x	46 × 92 × 4	27505	**8,05 €**	27605	**9,20 €**	27405	**30,20 €**
	11	x	x	42 × 92 × 4	27506	**8,35 €**	27606	**9,55 €**	27406	**32,00 €**
63	17	x	x	58 × 107 × 5	27507	**10,75 €**	27607	**12,30 €**	27407	**36,30 €**
	11	x	x	53 × 107 × 5	27508	**11,00 €**	27608	**12,55 €**	27408	**38,85 €**
75	17	x	x	69 × 127 × 5	27509	**11,40 €**	27609	**13,00 €**	27409	**49,65 €**
	11	x	x	63 × 127 × 5	27510	**11,70 €**	27610	**13,40 €**	27410	**51,75 €**
90	17	x	x	84 × 142 × 5	27511	**11,85 €**	27611	**13,55 €**	27411	**52,65 €**
	11	x	x	76 × 142 × 5	27512	**12,15 €**	27612	**13,85 €**	27412	**59,60 €**
110	33	x	x	104 × 162 × 6	27513	**12,15 €**	27613	**13,85 €**	27413	**71,15 €**
	17	x	x	100 × 162 × 6	27514	**12,30 €**	27614	**14,05 €**	27414	**77,55 €**
	11	x	x	93 × 162 × 6	27515	**12,60 €**	27615	**14,40 €**	27415	**84,00 €**
125	33	x	x	123 × 162 × 6	27516	**11,30 €**	27616	**12,90 €**	27416	**85,00 €**
	17	x	x	114 × 162 × 6	27517	**11,40 €**	27617	**13,00 €**	27417	**86,80 €**
	11	x	x	105 × 162 × 6	27518	**12,15 €**	27618	**13,85 €**	27418	**104,35 €**
140	33	x	x	137 × 192 × 5	27519	**16,25 €**	27619	**18,55 €**	27419	**110,55 €**
	17	x	x	127 × 192 × 6	27520	**16,85 €**	27620	**19,30 €**	27420	**128,50 €**
	11	x	x	117 × 192 × 6	27521	**17,60 €**	27621	**20,05 €**	27421	**136,10 €**
160	17	x	x	146 × 218 × 8	27522	**17,90 €**	27622	**20,40 €**	27422	**162,15 €**
	11		x	135 × 218 × 8	27523	**18,75 €**	27623	**21,45 €**	27423	**173,45 €**
		x		160 × 218 × 8	27524	**17,05 €**	27624	**19,50 €**	27424	**179,90 €**
180	17		x	164 × 218 × 8	27525	**17,15 €**	27625	**19,65 €**	27425	**186,40 €**
	11		x	151 × 218 × 8	27526	**17,55 €**	27626	**20,00 €**	27426	**201,20 €**
200	17	x	x	181 × 273 × 8	27527	**24,40 €**	27627	**27,85 €**	27427	**224,00 €**
	11		x	168 × 273 × 8	27528	**26,25 €**	27628	**29,95 €**	27428	**241,10 €**
225	17	x	x	203 × 273 × 8	27529	**22,20 €**	27629	**25,35 €**	27429	**257,60 €**
	11		x	188 × 273 × 8	27530	**24,50 €**	27630	**28,00 €**	27430	**265,70 €**
250	17		x	226 × 328 × 8	27531	**35,00 €**	27631	**40,00 €**	27431	**284,15 €**
	11		x	208 × 328 × 8	27532	**36,65 €**	27632	**41,90 €**	27432	**327,20 €**
280	17	x	x	252 × 328 × 8	27533	**33,25 €**	27633	**38,00 €**	27433	**327,35 €**
	11		x	233 × 328 × 8	27534	**35,05 €**	27634	**40,05 €**	27434	**327,60 €**
315	33	x	x	306 × 378 × 8	27535	**37,25 €**	27635	**42,55 €**	27435	**328,20 €**
	17		x	283 × 378 × 8	27536	**37,35 €**	27636	**42,65 €**	27436	**328,40 €**
	11		x	262 × 378 × 8	27537	**42,05 €**	27637	**48,05 €**	27437	**328,75 €**
355	17		x	319 × 438 × 8	27538	**53,55 €**	27638	**61,15 €**	27438	**329,35 €**
	11		x	294 × 438 × 8	27539	**56,55 €**	27639	**64,60 €**	27439	**342,55 €**
400		x		400 × 489 × 8	27540	**58,05 €**	27640	**66,35 €**	27440	**388,80 €**
	17		x	359 × 489 × 8	27541	**58,45 €**	27641	**66,75 €**	27441	**419,80 €**
	11		x	331 × 489 × 8	27542	**63,30 €**	27642	**72,35 €**	27442	**440,90 €**
450	17	x	x	403 × 594 × 10	27543	**94,25 €**	27643	**107,70 €**	27443	**725,05 €**
	11		x	372 × 594 × 10	27544	**106,00 €**	27644	**121,15 €**	27444	**766,45 €**
500	17	x	x	447 × 594 × 10	27545	**90,55 €**	27645	**103,50 €**	27445	**770,95 €**
560	17	x	x	494 × 695 × 10	27546	**116,25 €**	27646	**132,85 €**	27446	**873,55 €**
630	17	x	x	555 × 695 × 10	27547	**111,25 €**	27647	**127,20 €**	27447	**876,25 €**

* Nitrile Gas approval DVGW
** Conformity UBA/KTW-BWGL & EN 16421, WRAS certificate, ACS certificate on request

Further sizes, pressure rates and sealings on request

Product group 425 up to size 12", Product group 450 from size 14˝ and larger

Rubber-Steel flange gasket type RSG for ANSI flange flat design

DIN DVGW CERT

Drinking water
WRAS, ACS
BWGL/EN 16421

NPS	Class LBS	ID in mm	OD in mm	Thickness	Artikel-No.	Rubber Nitrile* €/pcs	Artikel-No.	Rubber EPDM-BWGL** €/pcs
1/2“	150	18,0	45,5	3	29300	**5,10 €**	29400	**5,85 €**
3/4“	150	27,5	53,5	3	29301	**5,15 €**	29401	**5,90 €**
1“	150	34,0	63,5	3	29302	**6,30 €**	29402	**7,25 €**
1“	300	34,0	70,5	3	29303	**6,35 €**	29403	**7,30 €**
1 1/4“	150	42,5	74,0	3	29304	**6,60 €**	29404	**7,55 €**
1 1/2“	150	48,5	84,0	3	29305	**6,85 €**	29405	**7,85 €**
2“	150	60,0	102,0	4	29306	**7,35 €**	29406	**8,35 €**
2“	300	60,5	107,5	4	29307	**7,40 €**	29407	**8,45 €**
2 1/2“	150	73,0	121,0	4	29308	**7,70 €**	29408	**8,80 €**
3“	150	89,0	133,0	4	29309	**7,85 €**	29409	**8,95 €**
3 1/2“	150	102,0	159,0	4	29310	**8,30 €**	29410	**9,50 €**
4“	150	115,0	172,0	4	29311	**8,65 €**	29411	**9,85 €**
5“	150	141,0	193,0	5	29312	**10,05 €**	29412	**11,45 €**
6“	150	168,5	219,0	5	29313	**12,20 €**	29413	**13,90 €**
8“	150	219,0	277,0	6	29314	**16,10 €**	29414	**18,40 €**
10“	150	273,0	337,0	6	29315	**25,75 €**	29415	**29,50 €**
12“	150	324,0	407,0	6	29316	**29,40 €**	29416	**33,55 €**
14“	150	356,0	448,0	7	29317	**35,00 €**	29417	**40,00 €**
16“	150	406,5	513,0	7	29318	**38,10 €**	29418	**43,50 €**
18“	150	457,0	547,0	7	29319	**40,35 €**	29419	**46,05 €**
20“	150	508,0	604,0	7	29320	**45,55 €**	29420	**52,05 €**
22“	150	560,0	658,0	7	29321	**52,10 €**	29421	**59,50 €**
24“	150	610,0	715,0	7	29322	**56,60 €**	29422	**64,70 €**

* Nitrile Gas approval DVGW
** Conformity UBA/KTW-BWGL & EN 16421, WRAS certificate, ACS certificate on request

Further sizes, pressure rates and sealings on request

Rubber-Steel Flange Gasket
Type RFG 4 pipes

+12% surcharge from 20th of April 2026 until further notice

Product group 425 up to size DN 300,
Product group 450 from size DN 350 and larger

flexible, EPDM rubber, without insert

DN	suitable for PN	Dimensions in mm	Art.No.	€/pcs
32	6/10/16	40 × 71,5 × 3	13850	**2,00 €**
40	6/10/16	50 × 83 × 3	13851	**2,00 €**
50	6/10/16	60 × 97 × 3	13852	**2,15 €**
65	6/10/16	75 × 121 × 3	13853	**2,50 €**
80	6/10/16	80 × 130 × 3	13854	**2,85 €**
100	6/10/16	100 × 154 × 3	13855	**3,50 €**
125	6/10/16	125 × 183 × 3	13856	**4,00 €**
150	6/10/16	150 × 209 × 3	13857	**4,65 €**
175	6/10/16	175 × 223 × 4	13858	**6,15 €**
200	6/10/16	200 × 263 × 3	13859	**6,15 €**
250	6/10/16	250 × 313 × 4	13860	**7,45 €**
300	6/10/16	300 × 364 × 4	13861	**10,00 €**
350	6/10/16	350 × 425 × 4	13862	**17,75 €**
400	6/10/16	400 × 476 × 4	13863	**19,80 €**
450	6/10/16	450 × 545 × 4	13864	**22,00 €**
500	6/10/16	500 × 576 × 5	13865	**25,70 €**
600	6/10/16	600 × 676 × 5	13866	**33,90 €**
700	6/10/16	700 × 790 × 6	13867	**50,10 €**
800	6/10/16	800 × 890 × 6	13868	**63,85 €**
900	6/10/16	900 × 990 × 6	13869	**74,60 €**

Product group 450

Ajustable rubber steel gasket typ RSG-TW-V-BWGL

Drinking water
WRAS, ACS
BWGL/EN 16421

Rubber Flange Gasket
Type RSG-TW-V-BWGL
adjustable up to 8°
Material: EPDM

Description	Nominal size DN	Pressure rate PN	Dimensions in mm	Thickness min. mm	Thickness max. mm	Bolts Length mm	Bolts Size*	Art.No.	€/pcs
	50	10 - 40	61×107	9	24	100	M 14	13802	**47,45 €**
	65	10 - 40	77×127	9	26	100	M 14	13803	**51,45 €**
	80	10 - 40	89×142	14	30	100	M 14	13804	**56,80 €**
	100	10 - 16	115×162	14	33	100	M 14	13805	**65,85 €**
	100	25 - 40	115×168	14	33	110	M 18	13806	**73,40 €**
	125	10 - 16	141×192	14	33	110	M 14	13807	**73,45 €**
	150	10 - 16	169×218	14	39	110	M 18	13808	**77,20 €**
	150	25 - 40	169×224	14	39	130	M 18	13809	**85,00 €**
	200	10 - 16	220×273	15	50	120	M 18	13810	**96,40 €**
	200	40	220×290	15	50	160	M 24	13811	**117,40 €**
	250	10 - 16	273×328	16	59	140	M 18	13812	**140,75 €**
	300	10	324×378	22	68	150	M 18	13814	**239,35 €**
	350	10	356×438	22	68	150	M 18	13815	**324,35 €**
	400	10	407×489	22	74	160	M 22	13816	**399,95 €**
	500	10	508×594	23	79	180	M 22	13817	**503,70 €**

* We recommend using a smaller screw dimension

Dimensions of 4 pipes Rubber Steel Gaskets Type RSG-TW-V according to DIN EN 1514-1, in mm
Conformity UBA/KTW-BWGL & EN 16421, WRAS certificate, ACS certificate on request

+12% surcharge from 20th of April 2026 until further notice

Product group 475

Combi-Seal-TW type E Only

Isolating gasket for potable water with KTW/W270 approval
Retainer: PVC white (Thickness 4 mm ≤ DN 250, 6 mm ≥ DN 300)
Sealing element: Silicone seal
Temperature: max. 80°C

Drinking water
KTW/W270

	Pressure rating PN					
DN	**10**	**16**	**25**	**40**	**Art.No.**	**€/pcs**
DN 25	x	x	x	x	14000	**52,80 €**
DN 32	x	x	x	x	14001	**55,15 €**
DN 40	x	x	x	x	14002	**56,35 €**
DN 50	x	x	x	x	14003	**57,30 €**
DN 65	x	x	x	x	14004	**66,10 €**
DN 80	x	x	x	x	14005	**79,05 €**
DN 100	x	x			14006	**87,80 €**
			x	x	14007	**105,20 €**
DN 125	x	x			14008	**114,30 €**
			x	x	14009	**127,15 €**
DN 150	x	x			14010	**131,70 €**
			x	x	14011	**165,95 €**
DN 200	x				14012	**162,50 €**
		x			14052	**162,50 €**
			x		14013	**205,85 €**
				x	14014	**232,10 €**
DN 250	x				14015	**201,50 €**
		x			14016	**201,50 €**
			x		14017	**284,65 €**
				x	14018	**315,25 €**
DN 300	x				14019	**277,40 €**
		x			14053	**277,40 €**
			x		14020	**332,75 €**
				x	14021	**371,95 €**
DN 350	x				14022	**588,80 €**
		x			14023	**647,80 €**
			x		14024	**706,75 €**
				x	14025	**765,65 €**
DN 400	x				14026	**708,05 €**
		x			14027	**837,80 €**
			x		14028	**913,90 €**
				x	14029	**989,95 €**
DN 500	x				14030	**1.046,45 €**
		x			14031	**1.151,05 €**
			x		14032	**1.255,55 €**
				x	14033	**1.261,70 €**
DN 600	x				14034	**1.506,90 €**
		x			14035	**1.657,50 €**
			x		14036	**1.808,30 €**
				x	14037	**2.037,90 €**
DN 700	x				14038	**1.849,00 €**
		x			14039	**2.033,70 €**
			x		14040	**2.218,55 €**
DN 800	x				14041	**2.021,00 €**
		x			14042	**2.223,15 €**
			x		14043	**2.425,25 €**
DN 900	x				14044	**2.652,80 €**
		x			14045	**2.918,20 €**
			x		14046	**3.183,10 €**
DN 1000	x				14047	**3.196,20 €**
		x			14048	**3.524,70 €**
			x		14049	**3.844,75 €**
DN 1200	x				14050	**3.485,15 €**
		x			14051	**3.877,70 €**

Type E: Isolating gasket with screw holes
Price for Type F (Isolating gaskets without bolt holes): - 3%
Only: Isolating gasket without isolating kit
Screw isolating kit needs to be ordered seperately

Flange Isolations are produced accord. DIN 2632, 2633, 2634, 2635, 2636 (etc. on customers spec.) Production according other norms on request.
For drawings ordered by the customer we reserve the right to charge an hourly fee up to 95,00 €

Product group 475

Combi-Seal-G type E Only

Isolating gasket with DVGW-Gas- and „TA-Luft“ approval
Retainer: G10 epoxy laminate (thickness 4 mm)
Sealing element: graphite seal
Temperature max.: 150°C

	Pressure rating PN						
DN	**10**	**16**	**25**	**40**	**63**	**Art.No.**	**€/pcs**
25	x	x	x	x		14100	**80,90 €**
					x	14101	**122,70 €**
32	x	x	x	x		14102	**100,75 €**
					x	14103	**152,85 €**
40	x	x	x	x		14104	**107,30 €**
					x	14105	**168,30 €**
50	x	x	x	x		14106	**132,35 €**
					x	14107	**201,20 €**
65	x	x	x	x		14108	**149,00 €**
					x	14109	**226,15 €**
80	x	x	x	x		14110	**201,15 €**
					x	14111	**296,75 €**
100	x	x				14112	**217,65 €**
			x	x		14113	**279,40 €**
					x	14114	**330,40 €**
125	x	x				14115	**225,55 €**
			x	x		14116	**345,35 €**
					x	14117	**350,50 €**
150	x	x				14118	**328,00 €**
			x	x		14119	**407,20 €**
					x	14120	**481,50 €**
200	x					14121	**572,05 €**
		x				14162	**572,05 €**
			x			14122	**605,55 €**
				x		14123	**673,55 €**
					x	14124	**715,95 €**
250	x					14125	**596,20 €**
		x				14126	**652,05 €**
			x			14127	**690,60 €**
				x		14128	**766,80 €**
					x	14129	**816,50 €**
300	x					14130	**655,55 €**
		x				14131	**795,95 €**
			x			14132	**842,95 €**
				x		14133	**937,10 €**
					x	14134	**994,45 €**
350	x					14135	**759,65 €**
		x				14136	**975,25 €**
			x			14137	**1.032,75 €**
				x		14138	**1.148,45 €**
					x	14139	**1.220,85 €**

Combi-Seal-G with 20 mm retainer thickness available on request as custom made solution

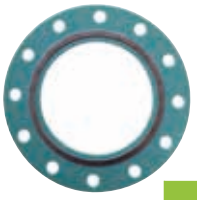
Type E: Isolating gasket with screw holes
Price for Type F (Isolating gaskets without bolt holes): - 3%
Only: Isolating gasket without isolating kit
Screw isolating kit needs to be ordered seperately

Flange Isolations are produced accord. DIN 2632, 2633, 2634, 2635, 2636 (etc.on customers spec.)
Production according other norms on request.

For drawings ordered by the customer we reserve the right to charge an hourly fee up to 95,00 €.

+12% surcharge from 20th of April 2026 until further notice

Product group 475



Combi-Seal-G type E Only

Isolating gasket with DVGW-Gas- and „TA-Luft“ approval
Retainer: G10 epoxy laminate (thickness 4 mm)
Sealing element: graphite seal
Temperature max.: 150°C

	Pressure rating PN						
DN	**10**	**16**	**25**	**40**	**63**	**Art.No.**	**€/pcs**
400	x					14140	**1.036,55 €**
		x				14141	**1.258,45 €**
			x			14142	**1.332,55 €**
				x		14143	**1.482,00 €**
					x	14144	**1.575,15 €**
500	x					14145	**1.416,05 €**
		x				14146	**1.727,55 €**
			x			14147	**1.834,65 €**
				x		14148	**2.040,60 €**
600	x					14149	**2.055,05 €**
		x				14150	**2.496,15 €**
			x			14151	**2.642,30 €**
700	x					14152	**2.521,60 €**
		x				14153	**3.061,80 €**
			x			14154	**3.253,15 €**
800	x					14155	**2.756,55 €**
		x				14156	**3.346,90 €**
			x			14157	**3.543,90 €**
900	x					14158	**3.673,20 €**
		x				14159	**4.093,95 €**
			x			14160	**4.651,60 €**

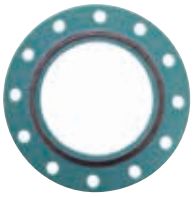
Combi-Seal-G with 20 mm retainer thickness available on request as custom made solution

Type E: Isolating gasket with screw holes
Price for Type F (Isolating gaskets without bolt holes): - 3%
Only: Isolating gasket without isolating kit
Screw isolating kit needs to be ordered seperately

Flange Isolations are produced accord. DIN 2632, 2633, 2634, 2635, 2636 (etc.on customers spec.)
Production according other norms on request.

For drawings ordered by the customer we reserve the right to charge an hourly fee up to 95,00 €.

Product group 475



Combi-Seal-G200 type E Only

Isolating gasket with DVGW-Gas- and „TA-Luft“ approval
Retainer: G10 epoxy laminate (thickness 4 mm)
Sealing element: graphite seal
Isolating gasket for hot water and steam applications for up to 200°C and PN

DN	PN10	PN16	PN25	PN40	PN63	PN100
	€/pcs	€/pcs	€/pcs	€/pcs	€/pcs	€/pcs
25	150,30 €	150,30 €	150,30 €	150,30 €	199,95 €	228,60 €
32	187,00 €	187,00 €	187,00 €	187,00 €	248,80 €	280,45 €
40	202,95 €	202,95 €	202,95 €	202,95 €	269,95 €	304,70 €
50	246,10 €	246,10 €	246,10 €	246,10 €	327,50 €	369,00 €
65	277,00 €	277,00 €	277,00 €	277,00 €	368,30 €	415,40 €
80	363,70 €	363,70 €	363,70 €	363,70 €	483,55 €	545,35 €
100	404,75 €	404,75 €	340,45 €	340,45 €	538,25 €	607,00 €
125	419,90 €	419,90 €	503,80 €	503,80 €	554,65 €	629,70 €
150	590,00 €	590,00 €	707,95 €	707,95 €	784,55 €	884,95 €
200	877,40 €	965,15 €	1.052,80 €	1.140,60 €	1.166,90 €	1.316,05 €
250	1.000,60 €	1.100,80 €	1.200,80 €	1.300,85 €	1.330,85 €	1.500,90 €
300	1.221,10 €	1.343,20 €	1.465,45 €	1.587,45 €	1.623,85 €	1.831,60 €
350	1.496,45 €	1.646,15 €	1.795,80 €	1.945,35 €	1.990,25 €	-
400	1.931,05 €	2.124,05 €	2.317,05 €	2.510,15 €	2.568,10 €	-
500	2.658,80 €	2.924,65 €	3.190,35 €	3.456,35 €	-	-
600	3.829,25 €	4.212,20 €	4.595,00 €	-	-	-
700	4.698,40 €	5.168,25 €	5.638,00 €	-	-	-
800	5.136,00 €	5.649,50 €	6.163,05 €	-	-	-
900	5.542,65 €	5.822,60 €	5.716,85 €	-	-	-

Type E: Isolating gasket with screw holes
Price for Type F (Isolating gaskets without bolt holes): - 3%
Only: Isolating gasket without isolating kit
Screw isolating kit needs to be ordered seperately

Flange Isolations are produced accord. DIN 2632, 2633, 2634, 2635, 2636 (etc. on customers spec.)
Production according other norms on request.

For drawings ordered by the customer we reserve the right to charge an hourly fee up to 95,00 €.

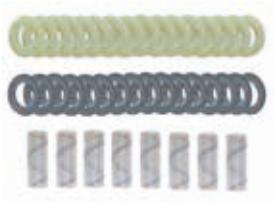
Flange Screw Isolation-KIT (Standard) 4 pipes

+12% surcharge from 20th of April 2026 until further notice

Product group 480

For Combi-Seal-G / Combi-Seal-TW and Combi-Seal G200 isolating gaskets
Per flange we supply the right number of isolating components.
Per screw two isolating washers, two steel washers and one isolating sleeve are supplied.

***Isolating sleeve:** **Mylar (standard)**
Isolating washer: **G10 (standard)**
Steel washer: **galvanised DIN 126 (standard)**



Size DN	PN 10 per Kit	PN 16 per Kit	PN 25 per Kit	PN 40 per Kit	PN 63 per Kit	PN 100 per Kit
25	15,50 €	15,50 €	15,90 €	15,90 €	19,35 €	19,35 €
32	17,25 €	17,25 €	17,85 €	17,85 €	22,05 €	22,05 €
40	17,25 €	17,25 €	17,85 €	17,85 €	22,05 €	22,05 €
50	17,85 €	17,85 €	18,15 €	18,15 €	22,05 €	27,60 €
65	35,55 €	35,55 €	37,70 €	37,70 €	45,25 €	56,65 €
80	36,05 €	36,05 €	38,15 €	38,15 €	47,55 €	59,50 €
100	36,05 €	36,05 €	49,75 €	49,75 €	69,35 €	86,65 €
125	36,95 €	36,95 €	64,75 €	64,75 €	89,70 €	112,15 €
150	44,25 €	44,25 €	66,10 €	66,10 €	103,45 €	129,35 €
200	45,25 €	67,75 €	99,40 €	134,15 €	186,05 €	232,55 €
250	69,45 €	91,80 €	132,10 €	157,20 €	190,80 €	238,55 €
300	69,45 €	99,55 €	178,75 €	215,45 €	263,50 €	329,35 €
350	102,05 €	142,80 €	202,00 €	245,65 €	304,30 €	380,40 €
400	136,60 €	167,35 €	234,45 €	292,40 €	362,25 €	452,80 €
450	174,60 €	229,25 €	307,00 €	376,65 €	-	-
500	174,60 €	248,10 €	311,75 €	444,90 €	-	-
600	205,10 €	293,10 €	385,35 €	-	-	-
700	258,25 €	351,60 €	506,05 €	-	-	-
800	302,95 €	411,60 €	738,75 €	-	-	-
900	353,35 €	504,55 €	880,50 €	-	-	-
1000	420,00 €	630,00 €	1.250,90 €	-	-	-
1200	604,55 €	1.119,15 €	-	-	-	-

Other sizes, norms, pressure ratings on request.

*Isolating sleeves are made acc. to DIN 2632, 2633, 2634, 2635, 2636
depending on Pressure rating. Production according other norms on request

Surcharges for special isolating kits	
Stainless steel washers S3 16Ti	Standard-Kit + 100 %
Isolating washers G11	Standard-Kit + 50 %
Isolating sleeves Nomex	Standard-Kit + 60 %

Isolating bolts on request

Screw bolts with a laminated isolating epoxy resin glass fiber coating. A bolt contains two isolating washers, two steel washers DIN 126 and two nuts.

Bolts can be made from various Quality classes as well as sizes are manufactured according to customer specifications.

Product group 480

Mylar Isolating sleeve - tubes length 1 meter each

Temperature range: -60°C up to +150°C, wall thickness 0,6 mm

Isolating screw sizes	Art.No.	per Meter
M 10	14460	**13,20 €**
M 12	14461	**14,95 €**
M 16	14462	**16,00 €**
M 20	14463	**19,10 €**
M 24	14464	**27,00 €**
M 27	14465	**29,15 €**
M 30	14466	**30,95 €**
M 33	14467	**33,40 €**
M 36	14468	**36,05 €**
M 39	14469	**37,35 €**
M 45	14470	**49,35 €**
M 52	14471	**auf Anfrage**

Special cut lengths on request. Isolating sleeve for other temperature ranges (Nomex up to 220°C) on request. Other sizes on request.

G10 Isolating washer

Temperature range: -60°C up to +130°C
Thickness: 3 mm

Isolating screw sizes	Art.No.	PU	per 100 €/pcs
M 10	14430	100	**58,35 €**
M 12	14431	100	**66,55 €**
M 16	14432	100	**74,00 €**
M 20	14433	100	**81,45 €**
M 24	14434	100	**125,60 €**
M 27	14435	100	**132,95 €**
M 30	14436	100	**155,10 €**
M 33	14437	100	**184,55 €**
M 36	14438	100	**280,45 €**
M 39	14439	100	**351,35 €**
M 45	14440	100	**664,60 €**
M 52	14441	100	**on request**

Isolating washer for other temperature ranges (G11 up to 180°C) on request. Other sizes on request. **Supply in full units only**.

Steel washer galvanised DIN 126

Isolating screw sizes	Art.No.	PU	per 100 €/pcs
M 10	14400	100	**8,40 €**
M 12	14401	100	**9,80 €**
M 16	14402	100	**12,85 €**
M 20	14403	100	**19,05 €**
M 24	14404	100	**36,10 €**
M 27	14405	100	**46,65 €**
M 30	14406	100	**62,85 €**
M 33	14407	100	**95,95 €**
M 36	14408	100	**192,20 €**
M 39	14409	100	**211,75 €**
M 45	14410	100	**379,65 €**
M 52	14411	100	**on request**

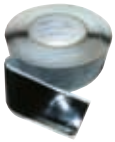
Other sizes, qualities on request. **Supply in full units only.**

Steel washer stainless steel V4A DIN 126

Isolating screw sizes	Art.No.	PU	per 100 €/pcs
M 10	14412	100	**on request**
M 12	14413	100	**on request**
M 16	14414	100	**on request**
M 20	14415	100	**on request**
M 24	14416	100	**on request**
M 27	14417	100	**on request**
M 30	14418	100	**on request**
M 33	14419	100	**on request**
M 36	14420	100	**on request**
M 39	14421	100	**on request**
M 45	14422	100	**on request**
M 52	14423	100	**on request**

Other sizes, qualities on request. **Supply in full units only.**

Product group 560

Description		Roll dimensions thickness x width x length	PU	Art.No.	€/pcs
	Butyl filler tape Quality 22	1 mm x 50 mm x 15 m	5	16169	**103,55 €**
		1 mm x 100 mm x 15 m	6	16170	**183,95 €**
	Butyl filler tape Quality 52	1 mm x 40 mm x 30 m	6	16150	**116,55 €**
		1 mm x 50 mm x 30 m	6	16161	**120,70 €**
		1,5 mm x 100 mm x 30 m	2	16162	**301,75 €**

Description	Diameter	PU	Art.No.	€/pcs
foam hole closure self-adhesive Type SLV Butyl Patch, Set with 2 €/pcs	90 mm	1000 Sets	16133	**4,20 €**

Product group 350

Description	For casing pipe OD	PU	Art.No.	€/pcs
Labyrinth wall penetration seal	65	100	12900	**6,80 €**
	75	100	12901	**7,20 €**
	90	80	12902	**7,55 €**
	110	80	12903	**8,75 €**
	125	50	12904	**9,10 €**
	140	50	12905	**9,85 €**
	143	40	12906	**9,90 €**
	160	40	12907	**10,40 €**
	180	35	12908	**12,35 €**
	200	30	12909	**13,45 €**
	225	30	12910	**14,60 €**
	250	25	12911	**14,75 €**
	280	25	12912	**16,25 €**
	315	25	12913	**18,65 €**
	355	20	12914	**21,15 €**
	400	20	12915	**22,50 €**
	450	20	12916	**26,80 €**
	500	20	12917	**28,70 €**
	560	10	12918	**33,20 €**
	630	10	12919	**35,60 €**
	670	10	12920	**37,10 €**
	710	15	12921	**42,05 €**
	800	10	12922	**48,10 €**
	900	10	12923	**53,25 €**
	1000	4	12924	**59,45 €**
	1200	4	12926	**71,25 €**

Description	Rubber width	For carrier pipe size	Art.No.	€/pcs
Filling blocks for preinsulated twin pipes High-quality EPDM	40 mm	DN 20 (26,9 mm)	11040	**16,70 €**
		DN 25 (33,7 mm)	11041	**17,05 €**
		DN 32 (42,4 mm)	11042	**17,05 €**
		DN 40 (48,3 mm)	11043	**18,85 €**
		DN 50 (60,3 mm)	11044	**22,30 €**
		DN 65 (76,1 mm)	11045	**23,55 €**
		DN 80 (88,9 mm)	11046	**31,35 €**
		DN 100 (114,3 mm)	11047	**41,50 €**
		DN 125 (139,7 mm)	11048	**59,05 €**
		DN 150 (168,3 mm)	11049	**64,25 €**
		DN 200 (219,1 mm)	11050	**100,75 €**

Product group 500

Tubular shrinksleeves SOK, thin wall

	Type	Art.No.	€/pcs
Tubular shrinksleeve no adhesive	SOK 25,4/12,7 x 30 m*	15460	**319,10 €**
	SOK 50,8/24,4 x 30 m*	15470	**349,95 €**
	SOK 76,0/38,0 x 30 m*	15480	**483,50 €**

* If roll length differs, prices pro rata

Tubular shrinksleeves 4PMSA, medium wall – with adhesive

Shrink sleeve Type	Ø Inside as supplied	Ø Inside fully recovered	Wall thickness fully recovered	Length	Art.No.	€/pcs
	mm	mm	mm	mm		
4PMSA 95/25	95	25	3	1000	15504	**42,15 €**
4PMSA 115/34	115	34	3	1000	15505	**55,60 €**
4PMSA 140/42	140	42	3	1000	15506	**76,90 €**
4PMSA 160/50	160	50	2,9	1000	15507	**86,80 €**
4PMSA 180/60	180	60	2,9	1000	15511	**90,20 €**
4PMSA 235/65	235	65	3	1000	15508	**157,00 €**
4PMSA 265/75	265	75	3	1000	15509	**166,15 €**
4PMSA 300/90	300	90	2,8	1000	15510	**190,80 €**

Tubular shrinksleeves 4PMS, medium wall – without adhesive

Shrink sleeve Type	Ø Inside as supplied	Ø Inside fully recovered	Wall thickness fully recovered	Length	Art.No.	€/pcs
	mm	mm	mm	mm		
4PMS 95/25	95	25	3	1000	15531	**38,20 €**
4PMS 115/34	115	34	3	1000	15532	**50,55 €**
4PMS 140/42	140	42	3	1000	15533	**68,45 €**
4PMS 160/50	160	50	2,9	1000	15534	**78,80 €**
4PMS 180/60	180	60	2,9	1000	15536	**81,90 €**
4PMS 200/65	200	65	3	1000	15537	**134,85 €**
4PMS 235/65	235	65	2,9	1000	15538	**135,35 €**
4PMS 265/75	265	75	3	1000	15539	**137,25 €**
4PMS 300/90	300	90	2,8	1000	15540	**145,25 €**
4PMS 350/150	350	150	2,8	1000	15541	**147,70 €**
4PMS 400/150	400	150	4	1000	15543	**180,95 €**

+12% surcharge from 20th of April 2026 until further notice

Product group 350

Description	Set components	PU	Art.No.	€/pcs
Cable outlet-seal for ID 50 mm	4 x IL 275 C und 1 x CSS 10	1	16089	**57,40 €**

Product group 500

Description	Art.No.	€/pcs
Temperature indicator stick 70°C	15561	**2,85 €**
Sandpaper 50 grit, roll à 50 m	15563	**99,40 €**
Silicone roller	15564	**122,10 €**

Product group 600

Single tape system	Description	Core Ø in mm	Width mm	Length in m/roll	PU	Art.No.	per roll
DUO 3-ply tape MONO 2-ply tape	DUO40 4 pipes	41	30	15	18	16500	**21,45 €**
	DUO40 4 pipes	41	50	15	12	16501	**32,00 €**
	DUO40 4 pipes	41	100	15	6	16502	**63,80 €**
			Litre/can	**kg/package**		**Art.No.**	**per package**
	Primer HT for DUO40 4 pipes**	-	1	1	-	16580	**43,75 €**
	Primer HT for DUO40 4 pipes**	-	5	5	-	16581	**163,30 €**
	Mono Tape 710.35	41	50	15	30	16541	**29,60 €**
	Mono Tape 710.35	41	100	15	15	16542	**58,50 €**
			Litre/can	**kg/package**		**Art.No.**	**per package**
	Primer 700-23 for Mono Tape 710.35**	-	1	1	-	16592	**33,90 €**
	Wrapping machine for tape width up to 100 mm, for core 41 mm*					16600	**1190,95 €**

* No discounts on wrapping machines

**For this article we charge a dangerous goods surcharge in addition to the freight costs

Single tape systems					Class B/30			Class B/50			Class C/50		
Pipe diameter		DN pipe (ISO)	Width	Primer consumption per w.joint	Wrap with 1 × 50% overlap (2-layers)			One wrap with 50% overlap and one wrap with 10 mm overlap (3-layers)			Two wraps with 50% overlap (4-layers)		
DN	inch	mm	mm	Litre	meters tape	m²	Mono Tape per w.joint	meters tape	m²	DUO40 4 pipes per w.joint	meters tape	m²	DUO40 4 pipes per w.joint
25	1	33,7	30	0,01	2,96	0,09	-	4,45	0,13	**6,36 €**	5,93	0,18	**8,48 €**
40	1,5	48,3	30	0,02	4,25	0,13	-	6,37	0,19	**9,11 €**	8,50	0,25	**12,15 €**
50	2	60,3	30	0,02	5,30	0,16	-	7,96	0,24	**11,38 €**	10,61	0,32	**15,17 €**
65	2,5	76,1	50	0,02	4,02	0,20	**7,93 €**	6,02	0,30	**12,85 €**	8,03	0,40	**17,14 €**
80	3	88,9	50	0,03	4,69	0,23	**9,26 €**	7,04	0,35	**15,01 €**	9,38	0,47	**20,02 €**
100	4	114,3	50	0,04	6,03	0,30	**11,90 €**	9,05	0,45	**19,30 €**	12,07	0,60	**25,74 €**
150	6	168,3	50	0,05	8,88	0,44	**17,53 €**	13,32	0,67	**28,42 €**	17,77	0,89	**37,90 €**
200	8	219,1	50	0,07	11,56	0,58	**22,82 €**	17,35	0,87	**37,00 €**	23,13	1,16	**49,34 €**
250	10	273,1	100	0,09	7,21	0,72	**28,11 €**	10,81	1,08	**45,98 €**	14,41	1,44	**61,31 €**
300	12	323,9	100	0,10	8,55	0,85	**33,34 €**	12,82	1,28	**54,53 €**	17,10	1,71	**72,71 €**
350	14	355,6	100	0,11	9,38	0,94	**36,60 €**	14,08	1,41	**59,87 €**	18,77	1,88	**79,83 €**
400	16	406,4	100	0,13	10,72	1,07	**41,83 €**	16,09	1,61	**68,42 €**	21,45	2,14	**91,23 €**
450	18	457	100	0,14	12,06	1,21	**47,03 €**	18,09	1,81	**76,94 €**	24,12	2,41	**102,59 €**
500	20	508	100	0,16	13,41	1,34	**52,28 €**	20,11	2,01	**85,53 €**	26,81	2,68	**114,04 €**
600	24	610	100	0,19	16,10	1,61	**62,78 €**	24,15	2,41	**102,70 €**	32,20	3,22	**136,94 €**
700	28	711	100	0,22	18,76	1,88	**73,18 €**	28,14	2,81	**119,71 €**	37,53	3,75	**159,61 €**
800	32	813	100	0,26	21,45	2,15	**83,67 €**	32,18	3,22	**136,88 €**	42,91	4,29	**182,51 €**
900	36	914	100	0,29	24,12	2,41	**94,07 €**	36,18	3,62	**153,88 €**	48,24	4,82	**205,18 €**
1000	40	1016	100	0,32	26,81	2,68	**104,57 €**	40,22	4,02	**171,06 €**	53,62	5,36	**228,08 €**

+12% surcharge from 20th of April 2026 until further notice

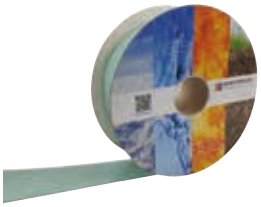
Product group 600

Product	Description	Core Ø in mm	Width mm	Length in m/roll	PU	Art.No.	per roll
	Alu Tape 30	76	50	15	6	16550	**29,60 €**
	Alu Tape 30	76	100	15	6	16551	**58,50 €**

Butyl filler for irregular shapes and cavities				
	Description	**PU**	**Art.No.**	**€/pcs**
	Butyl filler á 6 kg	1 × 6 kg	16636	**108,15 €**

	ISO-Petrolatum tape PE – 1,5 mm 2 Layer-system	Width	Length	PU	Art.No.	per roll
Class A/30	Tape Roll	50 mm	10 m	24	16560	**9,85 €**
	Tape Roll	100 mm	10 m	12	16561	**19,45 €**
	Tape Roll	200 mm	10 m	3	16562	**38,70 €**
	Tape Roll	300 mm	10 m	-	16563	**57,75 €**

Product group 600



Stopaq CZ tape roll for complicated pipeline parts
DVGW approved to DIN 30672/EN 12068 class A/30

Description	Width	Length	PU	Art.No.	per roll
Tape Roll	50 mm	10 m	12	16620	**92,50 €**
Tape Roll	100 mm	10 m	6	16621	**133,45 €**
Tape Roll	200 mm	10 m		16622	**266,95 €**
Tape Roll	300 mm	10 m		16623	**400,35 €**
Outerwrap Mono Tape 710.35, underground	50 mm	15 m	30	16541	**29,60 €**
Outerwrap Mono Tape 710.35, underground	100 mm	15 m	15	16542	**58,50 €**
Outerwrap Alu Tape 30, above ground	50 mm	15 m	6	16550	**29,60 €**
Outerwrap Alu Tape 30, above ground	100 mm	15 m	6	16551	**58,50 €**

Espansit II tape for complicated pipeline parts

Description	Width	Length	PU	Art.No.	per roll
Tape Roll	50 mm	10 m	10	16627	**56,10 €**
Tape Roll	100 mm	10 m	4	16628	**96,00 €**

KU special adhesive tape 4 pipes - highly flexible

Description	PU	Art.No.	per roll
KU tape 50 mm x 0,19 mm x 10 m, black	80	15550	**7,15 €**

Description	Type	PU	Art.No.	€/pcs
Corrosion protection-filler compound for parts (underground)	STOPAQ 4100 Putty bag à 2 kg	9	16630	**66,45 €**
Corrosion protection-filler compound for parts (above ground)	STOPAQ 4200 Filler cartridge 0,62 kg	20	16633	**97,80 €**

Description	Type	PU	Art.No.	€/pcs
Grouting tool* für 0,62 kg cartridge	-	1	11104	**148,75 €**

*No discount on grounting tool

+12% surcharge from 20th of April 2026 until further notice

Product group 650

Fibercoat Ultra – GRP
glassfibre-reinforced Polyester laminate.
curing by UV-light, pre impregnated, ready to use,
thickness per layer 0.9 ± 0,1 mm

UV light-curing

Description	Art.No.	€/pcs
Roll 150 mm x 15 m (2,25 m² / Roll)	16708	**220,05 €**
Roll 300 mm x 15 m (4,5 m² / Roll)	16709	**338,45 €**
Adhesive tape transparent 50 mm x 66 m	16760	**5,70 €**
Stretchfoil 0,5 m x 300 m, 20 mµ thick	16765	**23,20 €**
Gloves for Fibercoat Ultra application	16770	**9,90 €**
UV-Spot 400 Watt*	16750	**2.524,65 €**
Product group 960 Shore D measuring tool* with drag indicator for hardness test of Fibercoat Ultra and Pipecoat Plus	20304	**495,60 €**

* No discount on tools

Description	Thicknes	Art.No.	€/pcs
Rock Shield Fleece colorful* Width 1000 mm Roll à 25 m, 1000g/m²	7 - 8 mm	16720	**220.85 €**

* Not a stock item, please consider lead time.

Other roll widths and/or weight are available on request.

Description	Dimensions	Art.No.	€/pcs
Pipecoat Plus water activated GRP tape, ready to use **water-activated** for mechanical pipe protection water-curing	100 mm x 10 m	16711	**77,45 €**
	150 mm x 10 m	16712	**102,95 €**
Adhesive tape transparent	50 mm x 66 m	16760	**5,70 €**

Product group 700

Description		Skid height	PU	Art.No.	€/pcs
	Type I	15 mm	150	17000	**4,80 €**
	Type C	15 mm	120	17001	**5,05 €**
	Type D	15 mm	100	17002	**5,35 €**
	Type S	19 mm	100	17005	**4,80 €**
	Type T	19 mm	80	17006	**5,60 €**
	Type A	19 mm	140	17010	**4,60 €**
		36 mm	110	17011	**5,10 €**
		50 mm	80	17012	**5,65 €**
	Type B	19 mm	160	17015	**4,35 €**
		36 mm	130	17016	**4,80 €**
		50 mm	90	17017	**5,35 €**
	Type F	25 mm	150	17020	**6,70 €**
		41 mm	100	17021	**7,55 €**
		60 mm	70	17022	**8,25 €**
	Type G	25 mm	50	17025	**6,60 €**
		41 mm	60	17026	**7,05 €**
		60 mm	40	17027	**7,35 €**
	Type M	18 mm	100	17030	**10,45 €**
		36 mm	60	17031	**11,50 €**
		50 mm	40	17032	**12,70 €**
		75 mm	30	17033	**14,10 €**
		90 mm	25	17034	**16,60 €**
	Type N	18 mm	100	17040	**9,10 €**
		36 mm	70	17041	**10,45 €**
		50 mm	50	17042	**11,50 €**
		75 mm	35	17043	**12,70 €**
		90 mm	30	17044	**16,10 €**
	Roller for spacer M/75 max. load 300 kg/roller	Overall height 85 mm		17086	**23,00 €**
	Type L	25 mm	60	17090	**15,00 €**
		50 mm	30	17091	**16,80 €**
		75 mm	22	17092	**20,85 €**
		100 mm	18	17093	**24,70 €**
		125 mm	14	17094	**25,95 €**
		150 mm	12	17095	**27,35 €**
		175 mm	10	17096	**32,10 €**
		200 mm	8	17097	**32,80 €**

For drawings ordered by the customer we keep the option to charge an hourly fee up to 95,00 €

+12% surcharge from 20th of April 2026 until further notice

Product group 700

Description		Skid height	PU	Art.No.	€/pcs
	Type E	25 mm	50	17050	**18,65 €**
		41 mm	26	17051	**20,70 €**
		60 mm	18	17052	**22,35 €**
		90 mm	12	17053	**30,00 €**
		110 mm	10	17054	**34,95 €**
		130 mm	8	17055	**37,25 €**
	Type H	25 mm	60	17060	**14,90 €**
		41 mm	58	17061	**16,55 €**
		60 mm	40	17062	**20,85 €**
		90 mm	26	17063	**21,05 €**
		110 mm	22	17064	**23,45 €**
		130 mm	18	17065	**24,60 €**
	Spacer Type E41 roller max. load 2000 kg	Overall height 41 mm	26	17084	**56,45 €**
	Roller for spacer E/90 max. load 300 kg/roller	Overall height 110 mm	-	17085	**24,65 €**

For drawings ordered by the customer we keep the option to charge an hourly fee up to 95,00 €

Type E/H Skid heights 25, 41, 60, 90, 110, 130 mm

OD carrier pipe in mm		Number of segments per ring		Skid height in mm												Distance recommended in m
				25		41		60		90		110		130		max. static capacity 2700 kg/ring
min.	max.	E	H	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	
306*	354	3	1	17362	**70,85**	17402	**78,65**	17442	**87,90**	17482	**111,05**	17522	**128,30**	17562	**136,35**	2
355	397	4		17363	**74,60**	17403	**82,80**	17443	**89,40**	17483	**120,00**	17523	**139,80**	17563	**149,00**	2
398	457	4	1	17364	**89,50**	17404	**99,35**	17444	**110,25**	17484	**141,05**	17524	**163,25**	17564	**173,60**	2
458	489	5		17365	**93,25**	17405	**103,50**	17445	**111,75**	17485	**150,00**	17525	**174,75**	17565	**186,25**	2
490	549	5	1	17366	**108,15**	17406	**120,05**	17446	**132,60**	17486	**171,05**	17526	**198,20**	17566	**210,85**	2
550	580	6		17367	**111,90**	17407	**124,20**	17447	**134,10**	17487	**180,00**	17527	**209,70**	17567	**223,50**	2
581	641	6	1	17368	**126,80**	17408	**140,75**	17448	**154,95**	17488	**201,05**	17528	**233,15**	17568	**248,10**	2
642	732	7		17369	**130,55**	17409	**144,90**	17449	**156,45**	17489	**210,00**	17529	**244,65**	17569	**260,75**	2
733	800	8		17370	**149,20**	17410	**165,60**	17450	**178,80**	17490	**240,00**	17530	**279,60**	17570	**298,00**	1,8
801	900	9		17371	**167,85**	17411	**186,30**	17451	**201,15**	17491	**270,00**	17531	**314,55**	17571	**335,25**	1,8
901	1000	10		17372	**186,50**	17412	**207,00**	17452	**223,50**	17492	**300,00**	17532	**349,50**	17572	**372,50**	1,8
1001	1099	11		17373	**205,15**	17413	**227,70**	17453	**245,85**	17493	**330,00**	17533	**384,45**	17573	**409,75**	1,8
1100	1191	12		17374	**223,80**	17414	**248,40**	17454	**268,20**	17494	**360,00**	17534	**419,40**	17574	**447,00**	1,8
1192	1283	13		17375	**242,45**	17415	**269,10**	17455	**290,55**	17495	**390,00**	17535	**454,35**	17575	**484,25**	1,5
1284	1374	14		17376	**261,10**	17416	**289,80**	17456	**312,90**	17496	**420,00**	17536	**489,30**	17576	**521,50**	1,5
1375	1466	15		17377	**279,75**	17417	**310,50**	17457	**335,25**	17497	**450,00**	17537	**524,25**	17577	**558,75**	1,2
1467	1558	16		17378	**298,40**	17418	**331,20**	17458	**357,60**	17498	**480,00**	17538	**559,20**	17578	**596,00**	1,2
1559	1650	17		17379	**317,05**	17419	**351,90**	17459	**379,95**	17499	**510,00**	17539	**594,15**	17579	**633,25**	1,2
1651	1741	18		17380	**335,70**	17420	**372,60**	17460	**402,30**	17500	**540,00**	17540	**629,10**	17580	**670,50**	1
1742	1833	19		17381	**354,35**	17421	**393,30**	17461	**424,65**	17501	**570,00**	17541	**664,05**	17581	**707,75**	1
1834	1925	20		17382	**373,00**	17422	**414,00**	17462	**447,00**	17502	**600,00**	17542	**699,00**	17582	**745,00**	0,8
1926	2108	21		17383	**391,65**	17423	**434,70**	17463	**469,35**	17503	**630,00**	17543	**733,95**	17583	**782,25**	0,7
2109	2200	23		17384	**428,95**	17424	**476,10**	17464	**514,05**	17504	**690,00**	17544	**803,85**	17584	**856,75**	0,7
2201	2292	24		17385	**447,60**	17425	**496,80**	17465	**536,40**	17505	**720,00**	17545	**838,80**	17585	**894,00**	0,7

*M/N spacers are recommended for these sizes

For drawings ordered by the customer we keep the option to charge an hourly fee up to 95,00 €

Product group 700

Type L		Skid heights 25, 50, 75, 100, 125, 150, 175, 200 mm																	Distance recommended in m
OD carrier pipe in mm		Number of segments per Ring	Skid heights in mm																
			25		50		75		100		125		150		175		200		
min.	max.	L	Art. No.	€/ring	Art. No.	€/ring	Art. No.	€ring	Art. No.	€/ring	Art. No.	€/ring	Art. No.	€/ring	Art. No.	€/ring	Art. No.	€/ring	
355	397	4	17587	**60,00**	17602	**67,20**	17619	**83,40**	17634	**98,80**	17648	**103,80**	17663	**109,40**	17678	**128,40**	17840	**131,20**	2,5
450	510	5	17588	**75,00**	17603	**84,00**	17620	**104,25**	17635	**123,50**	17649	**129,75**	17664	**136,75**	17679	**160,50**	17841	**164,00**	2,5
540	610	6	17589	**90,00**	17604	**100,80**	17621	**125,10**	17636	**148,20**	17650	**155,70**	17665	**164,10**	17680	**192,60**	17842	**196,80**	2,5
625	715	7	17590	**105,00**	17605	**117,60**	17622	**145,95**	17637	**172,90**	17651	**181,65**	17666	**191,45**	17681	**224,70**	17843	**229,60**	2,5
715	805	8	17591	**120,00**	17606	**134,40**	17623	**166,80**	17638	**197,60**	17652	**207,60**	17667	**218,80**	17682	**256,80**	17844	**262,40**	2,5
805	895	9	17592	**135,00**	17607	**151,20**	17624	**187,65**	17639	**222,30**	17653	**233,55**	17668	**246,15**	17683	**288,90**	17845	**295,20**	2
895	985	10	17593	**150,00**	17608	**168,00**	17625	**208,50**	17640	**247,00**	17654	**259,50**	17669	**273,50**	17684	**321,00**	17846	**328,00**	2
985	1075	11	17594	**165,00**	17609	**184,80**	17626	**229,35**	17641	**271,70**	17655	**285,45**	17670	**300,85**	17685	**353,10**	17847	**360,80**	1,5
1075	1160	12	17595	**180,00**	17610	**201,60**	17627	**250,20**	17642	**296,40**	17656	**311,40**	17671	**328,20**	17686	**385,20**	17848	**393,60**	1
1160	1250	13	17596	**195,00**	17611	**218,40**	17628	**271,05**	17643	**321,10**	17657	**337,35**	17672	**355,55**	17687	**417,30**	17849	**426,40**	1
1250	1340	14	17597	**210,00**	17612	**235,20**	17629	**291,90**	17644	**345,80**	17658	**363,30**	17673	**382,90**	17688	**449,40**	17850	**459,20**	1
1340	1430	15	17598	**225,00**	17613	**252,00**	17630	**312,75**	17645	**370,50**	17659	**389,25**	17674	**410,25**	17689	**481,50**	17851	**492,00**	0,8
1430	1520	16	17599	**240,00**	17614	**268,80**	17631	**333,60**	17646	**395,20**	17660	**415,20**	17675	**437,60**	17690	**513,60**	17852	**524,80**	0,8
1520	1610	17	17600	**255,00**	17615	**285,60**	17632	**354,45**	17647	**419,90**	17661	**441,15**	17676	**464,95**	17691	**545,70**	17853	**557,60**	0,5
1610	1750	18	17601	**270,00**	17616	**302,40**	17633	**375,30**	17618	**444,60**	17662	**467,10**	17677	**492,30**	17692	**577,80**	17854	**590,40**	0,5

Skid height 25 and 50 mm: max. static capacity 3000 kg/ring
Skid height 75 and 100 mm: max. static capacity 2500 kg/ring

Skid height 125 and 150 mm: max. static capacity 2000 kg/ring
Skid height 175 and 200 mm: max. static capacity 1500 kg/ring

Type M/N		Skid heights 18, 36, 50, 75, 90 mm													
OD carrier pipe in mm		number of segments je Ring		Skid heights in mm											Distance recommended in m
				18		36		50		75		90			max. static capacity 1000 kg/Ring
min.	max.	M	N	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring		
160*	201	2		17260	**20,90 €**	17280	**23,00 €**	17300	**25,40 €**	17320	**28,20 €**	17340	**33,20 €**		2
202	227	1	2	17261	**28,65 €**	17281	**32,40 €**	17301	**35,70 €**	17321	**39,50 €**	17341	**48,80 €**		2
228	252	2	1	17262	**30,00 €**	17282	**33,45 €**	17302	**36,90 €**	17322	**40,90 €**	17342	**49,30 €**		2
253	286	3		17263	**31,35 €**	17283	**34,50 €**	17303	**38,10 €**	17323	**42,30 €**	17343	**49,80 €**		2
287	311	2	2	17264	**39,10 €**	17284	**43,90 €**	17304	**48,40 €**	17324	**53,60 €**	17344	**65,40 €**		2
312	337	3	1	17265	**40,45 €**	17285	**44,95 €**	17305	**49,60 €**	17325	**55,00 €**	17345	**65,90 €**		2
338	395	4		17266	**41,80 €**	17286	**46,00 €**	17306	**50,80 €**	17326	**56,40 €**	17346	**66,40 €**		2
396	421	4	1	17267	**50,90 €**	17287	**56,45 €**	17307	**62,30 €**	17327	**69,10 €**	17347	**82,50 €**		2
422	505	5		17268	**52,25 €**	17288	**57,50 €**	17308	**63,50 €**	17328	**70,50 €**	17348	**83,00 €**		2
506	590	6		17269	**62,70 €**	17289	**69,00 €**	17309	**76,20 €**	17329	**84,60 €**	17349	**99,60 €**		1,5
591	674	7		17270	**73,15 €**	17290	**80,50 €**	17310	**88,90 €**	17330	**98,70 €**	17350	**116,20 €**		1,5
675	759	8		17271	**83,60 €**	17291	**92,00 €**	17311	**101,60 €**	17331	**112,80 €**	17351	**132,80 €**		1,5

*F/G spacers are recommended for these sizes

For drawings ordered by the customer we keep the option to charge an hourly fee up to 95,00 €

+12% surcharge from 20th of April 2026 until further notice

Product group 700

Casing spacers Type A/B No special tool necessary!

Type A/B		Skid heights 19, 36, 50 mm									
OD Carrier pipe in mm		Number of segments per Ring		Skid height in mm							Distance recommended in m
min.	max.	A	B	19		36		50			max. static capacity 180 kg/ring
				Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring		
55,4	65,6*		2	17140	**8,70 €**	17170	**9,60 €**	17185	**10,70 €**		1,5
61,3	71,5*	1	1	17141	**8,95 €**	17171	**9,90 €**	17186	**11,00 €**		1,5
67,3	77,4*	2		17142	**9,20 €**	17172	**10,20 €**	17187	**11,30 €**		1,5
82,9	94,4		3	17143	**13,05 €**	17173	**14,40 €**	17188	**16,05 €**		1,5
89,1	104,3	1	2	17144	**13,30 €**	17174	**14,70 €**	17189	**16,35 €**		1,5
101,1	116	3		17145	**13,80 €**	17175	**15,30 €**	17190	**16,95 €**		1,5
110,8	131,2		4	17146	**17,40 €**	17176	**19,20 €**	17191	**21,40 €**		1,5
116,6	137,1	1	3	17147	**17,65 €**	17177	**19,50 €**	17192	**21,70 €**		1,5
134,7	154,8	4		17148	**18,40 €**	17178	**20,40 €**	17193	**22,60 €**		1,5
150,3	175,8	2	3	17149	**22,25 €**	17179	**24,60 €**	17194	**27,35 €**		1,5
168,5	193,5	5		17150	**23,00 €**	17180	**25,50 €**	17195	**28,25 €**		1,5
193,5**	229,6**		7	17151	**30,45 €**	17181	**33,60 €**	17196	**37,45 €**		1
202,2**	232,2**	6		17152	**27,60 €**	17182	**30,60 €**	17197	**33,90 €**		1
230**	254**	6	1	17153	**31,95 €**	17183	**35,40 €**	17198	**39,25 €**		1
255**	279**	7		17155	**32,20 €**	17138	**35,70 €**	17139	**39,55 €**		1
280**	309,6**	8		17154	**36,80 €**	17184	**40,80 €**	17199	**45,20 €**		1

*S/T spacers are recommended for these sizes **M/N spacers are recommended for these sizes

Type F/G		Skid heights 25, 41, 60 mm									
OD carrier pipe in mm		Number of segments per Ring		Skid height in mm							Distance recommended in m
min.	max.	F	G	25		41		60			max. static capacity 500 kg/Ring
				Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring		
116*	145*	2		17200	**13,40 €**	17220	**15,10 €**	17240	**16,50 €**		2
124*	150*	1	2	17201	**19,90 €**	17221	**21,65 €**	17241	**22,95 €**		2
154	182	2	1	17202	**20,00 €**	17222	**22,15 €**	17242	**23,85 €**		2
189	217	3		17203	**20,10 €**	17223	**22,65 €**	17243	**24,75 €**		2
219	256	3	1	17204	**26,70 €**	17224	**29,70 €**	17244	**32,10 €**		1,5
254	282	4		17205	**26,80 €**	17225	**30,20 €**	17245	**33,00 €**		1,5
283	315	4	1	17206	**33,40 €**	17226	**37,25 €**	17246	**40,35 €**		1,5
316	345	5		17207	**33,50 €**	17227	**37,75 €**	17247	**41,25 €**		1,5

*S/T or A/B spacers are recommended for these sizes

For drawings ordered by the customer we keep the option to charge an hourly fee up to 95,00 €

Product group 700

Casing spacers Type S/T
No special tool necessary!

Type S/T		Skid height 19 mm				
OD carrier pipe in mm		Number of segments per Ring		Skid height in mm		Distance recommended in m
min.	max.	S	T	19		max. static capacity 110 kg/ring
				Art.No.	€/ring	
59	68	2		17120	**9,60 €**	1,5
69	75	1	1	17121	**10,40 €**	1,5
76	84		2	17122	**11,20 €**	1,5
88	102	3		17123	**14,40 €**	1,5
103	107	2	1	17124	**15,20 €**	1,5
108	114	1	2	17125	**16,00 €**	1,5
115	120		3	17126	**16,80 €**	1,5
121	132	4		17127	**19,20 €**	1,5
133	140	3	1	17128	**20,00 €**	1,5
141	146	2	2	17129	**20,80 €**	1,5
147	152	1	3	17130	**21,60 €**	1,5
153	168		4	17131	**22,40 €**	1,5

Casing spacers Type I/C/D
No special tool necessary!

Type I/C/D		Steghöhen 15 mm					
OD carrier pipe in mm		Number of segments per Ring			Skid height in mm		Distance recommended in m
min.	max.	I	C	D	15		max. static capacity 200 kg/Ring
					Art.No.	€/ring	
42	52	1			17100	**4,80 €**	1
58	79		1		17101	**5,05 €**	1
80	93			1	17102	**5,35 €**	1
94	100	2			17103	**9,60 €**	1
101	120	1	1		17104	**9,85 €**	1
121	145		2		17105	**10,10 €**	1
146	165		1	1	17106	**10,40 €**	1
166	197			2	17107	**10,70 €**	1

For drawings ordered by the customer we keep the option to charge an hourly fee up to 95,00 €

Description		Art.No.	€/pcs
Fastening clamp F/G	Fastening clamp for Type F/G*	17076	**134,45 €**
Fastening clamp M/N, F/G, L	Fastening clamp for Type M/N, F/G and L* Skid height up to 90mm	17070	**624,45 €**
	Fastening clamp for Type M/N und L* Skid height up to 200mm	17077	**822,00 €**
	Rent fastening clamp M/N: 10% per month		
Spannzange E/H 130	Fastening clamp for Type E/H*	17072	**833,05 €**
	Rent fastening clamp E/H: 10% per month		
	Anti-slide tape against slipping spacers on smooth pipe surfaces. **Width 50 mm**. Roll per 15 m length	17080	**32,65 €**
	Anti-slide tape against slipping spacers on smooth pipe surfaces. **Width 100 mm**. Roll per 15 m length	17081	**64,90 €**

* Fastening clamps not discountable

+12%
surcharge
from 20th of April 2026
until further notice

Product group 710

Casing spacers Type KMS-1 and KMS-1,5 incl. screws and nuts

Pipe OD in mm		Number of segments		Skid height in mm												Screws	Distance recommendet in m
min.	max.	KMS-1	KMS-1,5	25		36		50		75		100		125		Quantity/ size	
				Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring		
400	430	4		51100	**44,60**	51130	**50,80**	51160	**58,60**	51190	**72,20**	51220	**86,00**	51250	**92,80**	8 M8 × 70	2
450	480	3	1	51101	**49,10**	51131	**56,00**	51161	**64,50**	51191	**79,30**	51221	**94,50**	51251	**102,05**	8 M8 × 70	2
500	538	5		51102	**55,75**	51132	**63,50**	51162	**73,25**	51192	**90,25**	51222	**107,50**	51252	**116,00**	10 M8 × 70	2
550	585	4	1	51103	**60,25**	51133	**68,70**	51163	**79,15**	51193	**97,35**	51223	**116,00**	51253	**125,25**	10 M8 × 70	2
600	628		4	51104	**62,60**	51134	**71,60**	51164	**82,20**	51194	**100,60**	51224	**120,00**	51254	**129,80**	8 M8 × 70	2
629	649	6		51105	**66,90**	51135	**76,20**	51165	**87,90**	51195	**108,30**	51225	**129,00**	51255	**139,20**	12 M8 × 70	2
650	680	2	3	51106	**69,25**	51136	**79,10**	51166	**90,95**	51196	**111,55**	51226	**133,00**	51256	**143,75**	10 M8 × 70	2
680	699	5	1	51107	**71,40**	51137	**81,40**	51167	**93,80**	51197	**115,40**	51227	**137,50**	51257	**148,45**	12 M8 × 70	2
700	732	1	4	51108	**73,75**	51138	**84,30**	51168	**96,85**	51198	**118,65**	51228	**141,50**	51258	**153,00**	10 M8 × 70	2
732	750	7		51109	**78,05**	51139	**88,90**	51169	**102,55**	51199	**126,35**	51229	**150,50**	51259	**162,40**	14 M8 × 70	2
751	780		5	51110	**78,25**	51140	**89,50**	51170	**102,75**	51200	**125,75**	51230	**150,00**	51260	**162,25**	10 M8 × 70	2
780	799	6	1	51111	**82,55**	51141	**94,10**	51171	**108,45**	51201	**133,45**	51231	**159,00**	51261	**171,65**	14 M8 × 70	2
800	835	2	4	51112	**84,90**	51142	**97,00**	51172	**111,50**	51202	**136,70**	51232	**163,00**	51262	**176,20**	12 M8 × 70	2
835	850	8		51113	**89,20**	51143	**101,60**	51173	**117,20**	51203	**144,40**	51233	**172,00**	51263	**185,60**	16 M8 × 70	1,8
851	880	1	5	51114	**89,40**	51144	**102,20**	51174	**117,40**	51204	**143,80**	51234	**171,50**	51264	**185,45**	12 M8 × 70	1,8
880	900	7	1	51115	**93,70**	51145	**106,80**	51175	**123,10**	51205	**151,50**	51235	**180,50**	51265	**194,85**	16 M8 × 70	1,8
901	951		6	51116	**93,90**	51146	**107,40**	51176	**123,30**	51206	**150,90**	51236	**180,00**	51266	**194,70**	12 M8 × 70	1,8
952	1000	2	5	51117	**100,55**	51147	**114,90**	51177	**132,05**	51207	**161,85**	51237	**193,00**	51267	**208,65**	14 M8 × 70	1,8
1001	1050	1	6	51118	**105,05**	51148	**120,10**	51178	**137,95**	51208	**168,95**	51238	**201,50**	51268	**217,90**	14 M8 × 70	1,5
1051	1100		7	51119	**109,55**	51149	**125,30**	51179	**143,85**	51209	**176,05**	51239	**210,00**	51269	**227,15**	14 M8 × 70	1,5
1101	1150	2	6	51120	**116,20**	51150	**132,80**	51180	**152,60**	51210	**187,00**	51240	**223,00**	51270	**241,10**	16 M8 × 70	1,5
1151	1200	1	7	51121	**120,70**	51151	**138,00**	51181	**158,50**	51211	**194,10**	51241	**231,50**	51271	**250,35**	16 M8 × 70	1,5
1201	1249		8	51122	**125,20**	51152	**143,20**	51182	**164,40**	51212	**201,20**	51242	**240,00**	51272	**259,60**	16 M8 × 70	1,5

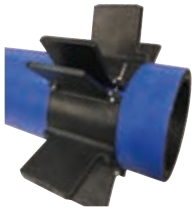
Skid height 25, 36, 50 and 75 mm: max. static capacity 2000kg/ring
Skid height 100 and 125 mm: max. static capacity 1000kg/ring

KMS-Spacers, price per segment, screws V2A, nuts V4A stainless steel

	Segments	PU	Art.No.	€/pcs
	KMS-1 25	90	50020	**11,15 €**
	KMS-1 36	80	50021	**12,70 €**
	KMS-1 50	60	50022	**14,65 €**
	KMS-1 75	40	50023	**18,05 €**
	KMS-1 100	30	50024	**21,50 €**
	KMS-1 125	20	50025	**23,20 €**
	KMS-1,5 25	70	50030	**15,65 €**
	KMS-1,5 36	55	50031	**17,90 €**
	KMS-1,5 50	40	50032	**20,55 €**
	KMS-1,5 75	25	50033	**25,15 €**
	KMS-1,5 100	20	50034	**30,00 €**
	KMS-1,5 125	15	50035	**32,45 €**

+12% surcharge from 20th of April 2026 until further notice

Product group 710



Casing spacers Type KAS-1 and KAS-2 incl. screws and nuts

Pipe OD mm		Number of segments		Skid height in mm												Screws	Distance recommendet in m
				20		36		50		75		90		110		Quantity/ size	
min.	max.	KAS-1	KAS-2	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring	Art.No.	€/ring		
98	130	3		51000	**20,40**	51010	**22,20**	51020	**25,80**	51030	**29,40**	51040	**34,20**	51050	**38,10**	6 M6 × 70	2
130	172	4		51001	**27,20**	51011	**29,60**	51021	**34,40**	51031	**39,20**	51041	**45,60**	51051	**50,80**	8 M6 × 70	2
173	210	5		51002	**34,00**	51012	**37,00**	51022	**43,00**	51032	**49,00**	51042	**57,00**	51052	**63,50**	10 M6 × 70	2
211	228		3	51003	**27,30**	51013	**31,80**	51023	**33,45**	51033	**40,80**	51043	**53,70**	51053	**61,95**	6 M6 × 70	2
229	260	1	3	51004	**34,10**	51014	**39,20**	51024	**42,05**	51034	**50,60**	51044	**65,10**	51054	**74,65**	8 M6 × 70	2
261	300		4	51005	**36,40**	51015	**42,40**	51025	**44,60**	51035	**54,40**	51045	**71,60**	51055	**82,60**	8 M6 × 70	1,5
301	345	1	4	51006	**43,20**	51016	**49,80**	51026	**53,20**	51036	**64,20**	51046	**83,00**	51056	**95,30**	10 M6 × 70	1,5
346	380		5	51007	**45,50**	51017	**53,00**	51027	**55,75**	51037	**68,00**	51047	**89,50**	51057	**103,25**	10 M6 × 70	1,5

Skid height 20, 36 and 50 mm: max. static capacity 750 kg/ring
Skid height 75, 90 and 110 mm: max. static capacity 500 kg/ring

KAS-Spacers, price per segment, screws V2A, nuts V4A stainless steel

	Segments	PU	Art.No.	€/pcs
	KAS-1 20	250	50000	**6,80 €**
	KAS-1 36	130	50001	**7,40 €**
	KAS-1 50	100	50002	**8,60 €**
	KAS-1 75	65	50003	**9,80 €**
	KAS-1 90	55	50004	**11,40 €**
	KAS-1 110	35	50005	**12,70 €**
	KAS-2 20	130	50010	**9,10 €**
	KAS-2 36	80	50011	**10,60 €**
	KAS-2 50	60	50012	**11,15 €**
	KAS-2 75	35	50013	**13,60 €**
	KAS-2 90	30	50014	**17,90 €**
	KAS-2 110	25	50015	**20,65 €**

Description		Artikel-No.	€/pcs
	Anti-slide tape against slipping spacers on smooth pipe surfaces. **Width 50 mm**. Roll per 15 m length	50080	**32,65 €**

Product group 750

	Dimensions in mm	Pipe OD	Material	Art.No.	€/pcs
	Endseal Type AHA 32 mm x 50 mm	25 × 40	EPDM	18040	**20,70 €**
	End seal for 90+75 mm casing for various cables incl. stainless steel strapes for 90+75. Cable ties for outlets not included.	Possible cable outlets: 1 × 17 - 20 mm 1 × 13 - 16 mm 1 × 10 - 12 mm 1 x 8 - 10 mm 2 x 6 - 8 mm 2 x 4 - 6 mm	EPDM	18080	**17,20 €**

	Dimensions in mm	Pipe OD	Material	Art.No.	€/pcs
	Stepseal AST 20 - 90	20/30/40/50/ 75/90	EPDM	18086	**23,55 €**
	Stepseal AST 25 - 110	25/32/40/50/ 63/75/90/110	EPDM	18088	**27,55 €**
	Stepseal AST 63 - 160	63/75/90/110 125/140/160	EPDM	18089	**30,95 €**
	Stepseal AST 25 - 125	25/32/40/50/63 75/90/110/125	NBR	18087	**27,55 €**

	Dimensions in mm Casing1 / Casing2 - min. OD carrier pipe	Pipe OD	Art.No.	€/pcs
 Example AKT Endseal	AKT 135/110-0	125/100-0	18090	**38,00 €**
	AKT 215/165-0	200/150-0	18091	**42,55 €**
	AWM 320/270-63	300/250-50	18092	**59,30 €**
	AWM 402/350-80	400/350-80	18093	**82,55 €**
 Example AWM Endseal	AWM 495/445-80	500/450-80	18096	**100,35 €**
	AWM 610/508-160	600/500-150	18094	**135,80 €**
	AWM 810/710-273	800/700-250	18095	**196,05 €**

Price incl. tightening straps

Casing Endseals Type AKG/AKO 4 pipes

+12% surcharge from 20th of April 2026 until further notice

Product group 750

Type AKG = closed version
Type AKO = split version

DN1 mm	X	DN2 mm	Cutting size in mm Ø1		Ø2		Length	Art.No.	€/pcs
25	x	40	32	x	53	x	220	18200	**46,65 €**
25	x	50	32	x	66	x	220	18201	**46,70 €**
25	x	65	32	x	84	x	240	18202	**46,80 €**
25	x	80	32	x	98	x	250	18203	**52,35 €**
25	x	100	32	x	126	x	270	18204	**59,00 €**
25	x	125	32	x	154	x	290	18205	**59,80 €**
25	x	150	32	x	185	x	310	18206	**62,50 €**
25	x	200	32	x	241	x	350	18207	**74,75 €**
40	x	50	46	x	66	x	210	18210	**45,40 €**
40	x	65	46	x	84	x	230	18211	**57,65 €**
40	x	80	46	x	98	x	240	18212	**58,20 €**
40	x	100	46	x	126	x	260	18213	**58,90 €**
40	x	125	46	x	154	x	280	18214	**61,90 €**
40	x	150	46	x	185	x	300	18215	**66,50 €**
40	x	200	46	x	241	x	340	18216	**73,40 €**
50	x	65	57	x	84	x	220	18220	**52,50 €**
50	x	80	57	x	98	x	230	18221	**53,20 €**
50	x	100	57	x	126	x	250	18222	**53,30 €**
50	x	125	57	x	154	x	270	18223	**53,75 €**
50	x	150	57	x	185	x	290	18224	**55,55 €**
50	x	200	57	x	241	x	330	18225	**61,75 €**
50	x	250	57	x	300	x	370	18226	**85,50 €**
50	x	300	57	x	356	x	410	18227	**133,80 €**
50	x	350	57	x	391	x	430	18228	**147,45 €**
50	x	400	57	x	447	x	470	18229	**165,55 €**
65	x	80	72	x	98	x	220	18240	**51,85 €**
65	x	100	72	x	126	x	240	18241	**52,55 €**
65	x	125	72	x	154	x	260	18242	**53,30 €**
65	x	150	72	x	185	x	280	18243	**55,15 €**
65	x	200	72	x	241	x	320	18244	**61,20 €**
65	x	250	72	x	300	x	360	18245	**84,60 €**
65	x	300	72	x	356	x	400	18246	**132,75 €**
65	x	350	72	x	391	x	420	18247	**146,15 €**
65	x	400	72	x	447	x	460	18248	**164,10 €**

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- Special sizes, Nitrile or Silikone rubber on request

Product group 750

Type AKG = closed version
Type AKO = split version

DN1 mm	X	DN2 mm	Cutting size in mm Ø1		Ø2		Length	Art.No.	€/pcs
80	x	100	84	x	126	x	230	18260	**52,80 €**
80	x	125	84	x	154	x	250	18261	**54,30 €**
80	x	150	84	x	185	x	270	18262	**55,50 €**
80	x	200	84	x	241	x	310	18263	**62,90 €**
80	x	250	84	x	300	x	350	18264	**84,85 €**
80	x	300	84	x	356	x	390	18265	**137,50 €**
80	x	350	84	x	391	x	420	18266	**146,75 €**
80	x	400	84	x	447	x	450	18267	**164,20 €**
80	x	450	84	x	503	x	490	18268	**172,20 €**
80	x	500	84	x	559	x	530	18269	**191,10 €**
80	x	550	84	x	615	x	570	18270	**225,85 €**
80	x	600	84	x	671	x	610	18271	**278,25 €**
80	x	650	84	x	726	x	650	18272	**291,20 €**
100	x	125	109	x	154	x	230	18280	**54,30 €**
100	x	150	109	x	185	x	250	18281	**55,95 €**
100	x	200	109	x	241	x	290	18282	**63,35 €**
100	x	250	109	x	300	x	330	18283	**85,50 €**
100	x	300	109	x	356	x	370	18284	**137,95 €**
100	x	350	109	x	391	x	400	18285	**149,00 €**
100	x	400	109	x	447	x	440	18286	**165,35 €**
100	x	450	109	x	503	x	480	18287	**173,25 €**
100	x	500	109	x	559	x	520	18288	**191,85 €**
100	x	550	109	x	615	x	550	18289	**226,95 €**
100	x	600	109	x	671	x	600	18290	**279,55 €**
100	x	650	109	x	726	x	630	18291	**298,25 €**
125	x	150	133	x	185	x	240	18300	**55,80 €**
125	x	200	133	x	241	x	280	18301	**63,00 €**
125	x	250	133	x	300	x	320	18302	**85,15 €**
125	x	300	133	x	356	x	360	18303	**137,60 €**
125	x	350	133	x	391	x	380	18304	**147,95 €**
125	x	400	133	x	447	x	420	18305	**164,10 €**
125	x	450	133	x	503	x	460	18306	**172,05 €**
125	x	500	133	x	559	x	500	18307	**190,90 €**
125	x	550	133	x	615	x	540	18308	**225,60 €**
125	x	600	133	x	671	x	580	18309	**234,75 €**
125	x	650	133	x	726	x	620	18310	**253,65 €**

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- Special sizes, Nitrile or Silikone rubber on request

Casing Endseals Type AKG/AKO 4 pipes

+12% surcharge from 20th of April 2026 until further notice

Product group 750

Type AKG = closed version
Type AKO = split version

DN1 mm	X	DN2 mm	Cutting size in mm Ø1		Ø2		Length	Art.No.	€/pcs
150	x	200	160	x	241	x	260	18320	**71,60 €**
150	x	250	160	x	300	x	300	18321	**75,45 €**
150	x	300	160	x	356	x	340	18322	**91,55 €**
150	x	350	160	x	391	x	360	18323	**140,00 €**
150	x	400	160	x	447	x	400	18324	**172,00 €**
150	x	450	160	x	503	x	440	18325	**176,30 €**
150	x	500	160	x	559	x	480	18326	**185,70 €**
150	x	550	160	x	615	x	520	18327	**232,60 €**
150	x	600	160	x	671	x	560	18328	**239,35 €**
150	x	650	160	x	726	x	600	18329	**247,95 €**
150	x	700	160	x	782	x	640	18330	**280,15 €**
200	x	250	208	x	300	x	270	18340	**89,50 €**
200	x	300	208	x	356	x	300	18341	**92,35 €**
200	x	350	208	x	391	x	330	18342	**121,90 €**
200	x	400	208	x	447	x	370	18343	**146,20 €**
200	x	450	208	x	503	x	410	18344	**179,90 €**
200	x	500	208	x	559	x	450	18345	**184,95 €**
200	x	550	208	x	615	x	490	18346	**198,85 €**
200	x	600	208	x	671	x	520	18347	**240,60 €**
200	x	650	208	x	726	x	560	18348	**252,75 €**
200	x	700	208	x	782	x	600	18349	**265,05 €**
200	x	750	208	x	838	x	640	18350	**283,75 €**
200	x	800	208	x	894	x	680	18351	**298,60 €**
250	x	300	259	x	356	x	270	18360	**106,00 €**
250	x	350	259	x	391	x	290	18361	**111,35 €**
250	x	400	259	x	447	x	330	18362	**123,30 €**
250	x	450	259	x	503	x	370	18363	**170,00 €**
250	x	500	259	x	559	x	410	18364	**187,35 €**
250	x	550	259	x	615	x	450	18365	**202,15 €**
250	x	600	259	x	671	x	490	18366	**223,50 €**
250	x	650	259	x	726	x	530	18367	**252,90 €**
250	x	700	259	x	782	x	570	18368	**265,00 €**
250	x	750	259	x	838	x	610	18369	**283,65 €**
250	x	800	259	x	894	x	640	18370	**314,30 €**
250	x	850	259	x	950	x	680	18371	**319,80 €**
250	x	900	259	x	1005	x	720	18372	**326,55 €**

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- Special sizes, Nitrile or Silikone rubber on request

Product group 750

Type AKG = closed version
Type AKO = split version

DN1 mm	X	DN2 mm	Cutting size in mm Ø1		Ø2		Length	Art.No.	€/pcs
300	x	350	308	x	391	x	260	18380	**126,75 €**
300	x	400	308	x	447	x	280	18381	**146,90 €**
300	x	450	308	x	503	x	340	18382	**164,20 €**
300	x	500	308	x	559	x	380	18383	**192,30 €**
300	x	550	308	x	615	x	420	18384	**207,10 €**
300	x	600	308	x	671	x	450	18385	**230,10 €**
300	x	650	308	x	726	x	490	18386	**245,05 €**
300	x	700	308	x	782	x	530	18387	**269,00 €**
300	x	750	308	x	838	x	570	18388	**286,20 €**
300	x	800	308	x	894	x	610	18389	**301,10 €**
300	x	850	308	x	950	x	650	18390	**323,90 €**
300	x	900	308	x	1005	x	690	18391	**330,60 €**
300	x	950	308	x	1062	x	730	18392	**353,05 €**
300	x	1000	308	x	1118	x	770	18393	**403,15 €**
350	x	400	338	x	447	x	280	18400	**131,30 €**
350	x	450	338	x	503	x	320	18401	**165,05 €**
350	x	500	338	x	559	x	360	18402	**175,90 €**
350	x	550	338	x	615	x	390	18403	**200,10 €**
350	x	600	338	x	671	x	430	18404	**235,35 €**
350	x	650	338	x	726	x	470	18405	**249,95 €**
350	x	700	338	x	782	x	510	18406	**259,55 €**
350	x	750	338	x	838	x	550	18407	**292,05 €**
350	x	800	338	x	894	x	590	18408	**301,45 €**
350	x	850	338	x	950	x	630	18409	**311,95 €**
350	x	900	338	x	1005	x	670	18410	**339,25 €**
350	x	950	338	x	1062	x	710	18411	**353,45 €**
350	x	1000	338	x	1118	x	750	18412	**380,95 €**
400	x	450	386	x	503	x	280	18420	**164,70 €**
400	x	500	386	x	559	x	320	18421	**168,00 €**
400	x	550	386	x	615	x	360	18422	**219,35 €**
400	x	600	386	x	671	x	400	18423	**233,70 €**
400	x	650	386	x	726	x	440	18424	**252,90 €**
400	x	700	386	x	782	x	480	18425	**258,30 €**
400	x	750	386	x	838	x	520	18426	**266,30 €**
400	x	800	386	x	894	x	560	18427	**286,20 €**
400	x	850	386	x	950	x	600	18428	**299,75 €**
400	x	900	386	x	1005	x	630	18429	**305,20 €**
400	x	950	386	x	1062	x	670	18430	**343,80 €**
400	x	1000	386	x	1118	x	710	18431	**390,55 €**

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Casing Endseals Type AKG/AKO 4 pipes

+12% surcharge from 20th of April 2026 until further notice

Product group 750

Type AKG = closed version
Type AKO = split version

DN1 mm	X	DN2 mm	Cutting size in mm Ø1		Ø2		Length	Art.No.	€/pcs
450	x	500	434	x	559	x	290	18440	**173,70 €**
450	x	550	434	x	615	x	330	18441	**180,90 €**
450	x	600	434	x	671	x	370	18442	**199,90 €**
450	x	650	434	x	726	x	400	18443	**230,90 €**
450	x	700	434	x	782	x	440	18444	**265,00 €**
450	x	750	434	x	838	x	480	18445	**267,60 €**
450	x	800	434	x	894	x	520	18446	**275,00 €**
450	x	850	434	x	950	x	560	18447	**306,45 €**
450	x	900	434	x	1005	x	600	18448	**318,70 €**
450	x	950	434	x	1062	x	640	18449	**326,60 €**
450	x	1000	434	x	1118	x	680	18450	**397,85 €**
500	x	550	483	x	615	x	290	18460	**186,15 €**
500	x	600	483	x	671	x	330	18461	**195,50 €**
500	x	650	483	x	726	x	370	18462	**213,05 €**
500	x	700	483	x	782	x	410	18463	**238,00 €**
500	x	750	483	x	838	x	450	18464	**277,00 €**
500	x	800	483	x	894	x	490	18465	**279,55 €**
500	x	850	483	x	950	x	530	18466	**285,10 €**
500	x	900	483	x	1005	x	570	18467	**328,05 €**
500	x	950	483	x	1062	x	610	18468	**333,75 €**
500	x	1000	483	x	1118	x	650	18469	**358,70 €**
550	x	600	531	x	671	x	300	18480	**198,85 €**
550	x	650	531	x	726	x	340	18481	**204,10 €**
550	x	700	531	x	782	x	380	18482	**216,50 €**
550	x	750	531	x	838	x	420	18483	**243,60 €**
550	x	800	531	x	894	x	450	18484	**281,70 €**
550	x	850	531	x	950	x	490	18485	**287,65 €**
550	x	900	531	x	1005	x	530	18486	**294,50 €**
550	x	950	531	x	1062	x	570	18487	**342,15 €**
550	x	1000	531	x	1118	x	610	18488	**359,80 €**
550	x	1050	531	x	1174	x	650	18489	**367,85 €**
550	x	1100	531	x	1230	x	690	18490	**452,20 €**
600	x	650	580	x	726	x	300	18500	**207,95 €**
600	x	700	580	x	782	x	340	18501	**215,30 €**
600	x	750	580	x	838	x	380	18502	**227,85 €**
600	x	800	580	x	894	x	420	18503	**259,55 €**
600	x	850	580	x	950	x	460	18504	**295,75 €**
600	x	900	580	x	1005	x	500	18505	**303,85 €**
600	x	950	580	x	1062	x	540	18506	**309,30 €**
600	x	1000	580	x	1118	x	580	18507	**327,65 €**
600	x	1050	580	x	1174	x	620	18508	**383,05 €**
600	x	1100	580	x	1230	x	660	18509	**430,05 €**

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Product group 750

Type AKG = closed version
Type AKO = split version

DN1 mm	X	DN2 mm	Cutting size in mm Ø1		Ø2		Length	Art.No.	€/pcs
650	x	700	627	x	782	x	310	18520	**224,45 €**
650	x	750	627	x	838	x	350	18521	**229,85 €**
650	x	800	627	x	894	x	390	18522	**241,80 €**
650	x	850	627	x	950	x	430	18523	**286,50 €**
650	x	900	627	x	1005	x	470	18524	**312,75 €**
650	x	950	627	x	1062	x	500	18525	**322,95 €**
650	x	1000	627	x	1118	x	540	18526	**336,40 €**
650	x	1050	627	x	1174	x	580	18527	**398,60 €**
650	x	1100	627	x	1230	x	620	18528	**445,60 €**
700	x	750	675	x	838	x	310	18540	**234,10 €**
700	x	800	675	x	894	x	350	18541	**246,00 €**
700	x	850	675	x	950	x	390	18542	**253,35 €**
700	x	900	675	x	1005	x	430	18543	**297,10 €**
700	x	950	675	x	1062	x	470	18544	**322,60 €**
700	x	1000	675	x	1118	x	510	18545	**333,40 €**
700	x	1050	675	x	1174	x	550	18546	**357,40 €**
700	x	1100	675	x	1230	x	590	18547	**455,60 €**
700	x	1150	675	x	1285	x	630	18548	**467,70 €**
700	x	1200	675	x	1342	x	670	18549	**481,15 €**
750	x	800	724	x	894	x	320	18560	**259,60 €**
750	x	850	724	x	950	x	360	18561	**271,55 €**
750	x	900	724	x	1005	x	400	18562	**283,65 €**
750	x	950	724	x	1062	x	440	18563	**345,15 €**
750	x	1000	724	x	1118	x	480	18564	**370,35 €**
750	x	1050	724	x	1174	x	520	18565	**381,75 €**
750	x	1100	724	x	1230	x	550	18566	**393,85 €**
750	x	1150	724	x	1285	x	590	18567	**478,60 €**
750	x	1200	724	x	1342	x	630	18568	**490,65 €**
750	x	1300	724	x	1453	x	710	18569	**502,90 €**
750	x	1400	724	x	1562	x	790	18570	**576,65 €**
800	x	850	772	x	950	x	330	18580	**278,25 €**
800	x	900	772	x	1005	x	360	18581	**287,75 €**
800	x	950	772	x	1062	x	400	18582	**300,35 €**
800	x	1000	772	x	1118	x	440	18583	**361,55 €**
800	x	1050	772	x	1174	x	480	18584	**410,60 €**
800	x	1100	772	x	1230	x	520	18585	**422,05 €**
800	x	1150	772	x	1285	x	560	18586	**446,95 €**
800	x	1200	772	x	1342	x	600	18587	**520,05 €**
800	x	1300	772	x	1453	x	680	18588	**533,45 €**
800	x	1400	772	x	1562	x	750	18589	**545,50 €**

- Please inform us about exact pipe dimensions
- Please specify the endseal closed (AKG) or split (AKO)
- Prices incl. stainless steel straps, rubber CR
- Special sizes, Nitrile or Silikone rubber on request

Casing Endseals Type AKG/AKO 4 pipes

+12% surcharge from 20th of April 2026 until further notice

Product group 750

Type AKG = closed version
Type AKO = split version

DN1 mm	X	DN2 mm	Cutting size in mm Ø1		Ø2		Length	Art.No.	€/pcs
850	x	900	821	x	1005	x	330	18600	**292,05 €**
850	x	950	821	x	1062	x	370	18601	**302,55 €**
850	x	1000	821	x	1118	x	410	18602	**327,00 €**
850	x	1050	821	x	1174	x	450	18603	**388,85 €**
850	x	1100	821	x	1230	x	490	18604	**441,60 €**
850	x	1150	821	x	1285	x	530	18605	**467,30 €**
850	x	1200	821	x	1342	x	570	18606	**486,20 €**
850	x	1300	821	x	1453	x	640	18607	**548,20 €**
850	x	1400	821	x	1562	x	720	18608	**561,65 €**
900	x	950	868	x	1062	x	340	18620	**301,65 €**
900	x	1000	868	x	1118	x	380	18621	**311,80 €**
900	x	1050	868	x	1174	x	410	18622	**337,25 €**
900	x	1100	868	x	1230	x	450	18623	**409,20 €**
900	x	1150	868	x	1285	x	490	18624	**466,85 €**
900	x	1200	868	x	1342	x	530	18625	**481,30 €**
900	x	1300	868	x	1453	x	610	18626	**566,85 €**
900	x	1400	868	x	1562	x	690	18627	**578,80 €**
900	x	1500	868	x	1676	x	770	18628	**604,40 €**
950	x	1000	917	x	1118	x	340	18640	**321,25 €**
950	x	1050	917	x	1174	x	380	18641	**332,05 €**
950	x	1100	917	x	1230	x	420	18642	**363,05 €**
950	x	1150	917	x	1285	x	460	18643	**417,40 €**
950	x	1200	917	x	1342	x	500	18644	**486,50 €**
950	x	1300	917	x	1453	x	580	18645	**509,25 €**
950	x	1400	917	x	1562	x	650	18646	**607,20 €**
950	x	1500	917	x	1676	x	730	18647	**631,40 €**
1000	x	1050	965	x	1174	x	350	18660	**336,35 €**
1000	x	1100	965	x	1230	x	390	18661	**359,75 €**
1000	x	1150	965	x	1285	x	420	18662	**387,45 €**
1000	x	1200	965	x	1342	x	460	18663	**463,40 €**
1000	x	1300	965	x	1453	x	540	18664	**525,10 €**
1000	x	1400	965	x	1562	x	620	18665	**615,75 €**
1000	x	1500	965	x	1676	x	700	18666	**635,75 €**
1000	x	1600	965	x	1782	x	770	18667	**759,55 €**
1050	x	1100	1014	x	1230	x	350	18680	**345,15 €**
1050	x	1150	1014	x	1285	x	390	18681	**347,65 €**
1050	x	1200	1014	x	1342	x	430	18682	**391,95 €**
1050	x	1300	1014	x	1453	x	510	18683	**522,70 €**
1050	x	1400	1014	x	1562	x	580	18684	**557,60 €**
1050	x	1500	1014	x	1676	x	660	18685	**651,00 €**
1050	x	1600	1014	x	1782	x	740	18686	**692,50 €**

- Please inform us about exact pipe dimensions
- Please specify the endseal closed (AKG) or split (AKO)
- Prices incl. stainless steel straps, rubber CR
- Special sizes, Nitrile or Silikone rubber on request

Product group 750

Type AKG = closed version
Type AKO = split version

DN1 mm	X	DN2 mm	Cutting size in mm Ø1		Ø2		Length	Art.No.	€/pcs
1100	x	1150	1062	x	1285	x	360	18690	**318,35 €**
1100	x	1200	1062	x	1342	x	400	18691	**341,60 €**
1100	x	1300	1062	x	1453	x	470	18692	**503,90 €**
1100	x	1400	1062	x	1562	x	550	18693	**560,35 €**
1100	x	1500	1062	x	1676	x	630	18694	**655,55 €**
1100	x	1600	1062	x	1782	x	700	18695	**697,05 €**
1150	x	1200	1110	x	1342	x	360	18700	**340,15 €**
1150	x	1300	1110	x	1453	x	440	18701	**425,65 €**
1150	x	1400	1110	x	1562	x	520	18702	**511,85 €**
1150	x	1500	1110	x	1676	x	600	18703	**599,05 €**
1150	x	1600	1110	x	1782	x	670	18704	**685,50 €**
1150	x	1700	1110	x	1900	x	750	18705	**792,85 €**
1150	x	1800	1110	x	2002	x	830	18706	**918,85 €**
1150	x	1900	1110	x	2123	x	910	18707	**1.027,95 €**
1150	x	2000	1110	x	2222	x	980	18708	**1.122,75 €**
1200	x	1300	1159	x	1453	x	410	18720	**397,25 €**
1200	x	1400	1159	x	1562	x	480	18721	**537,45 €**
1200	x	1500	1159	x	1676	x	560	18722	**595,10 €**
1200	x	1600	1159	x	1782	x	640	18723	**693,75 €**
1200	x	1700	1159	x	1900	x	720	18724	**782,50 €**
1200	x	1800	1159	x	2002	x	790	18725	**869,50 €**
1200	x	1900	1159	x	2123	x	880	18726	**918,80 €**
1200	x	2000	1159	x	2222	x	940	18727	**1.102,40 €**
1300	x	1400	1255	x	1562	x	420	18740	**426,75 €**
1300	x	1500	1255	x	1676	x	500	18741	**531,85 €**
1300	x	1600	1255	x	1782	x	570	18742	**618,50 €**
1300	x	1700	1255	x	1900	x	650	18743	**724,90 €**
1300	x	1800	1255	x	2002	x	720	18744	**812,00 €**
1300	x	1900	1255	x	2123	x	810	18745	**958,70 €**
1300	x	2000	1255	x	2222	x	880	18746	**1.065,65 €**

- Please inform us about exact pipe dimensions
- Please specify the endseal closed (AKG) or split (AKO)
- Prices incl. stainless steel straps, rubber CR
- Special sizes, Nitrile or Silikone rubber on request

Casing Endseals Type ASTM 4 pipes

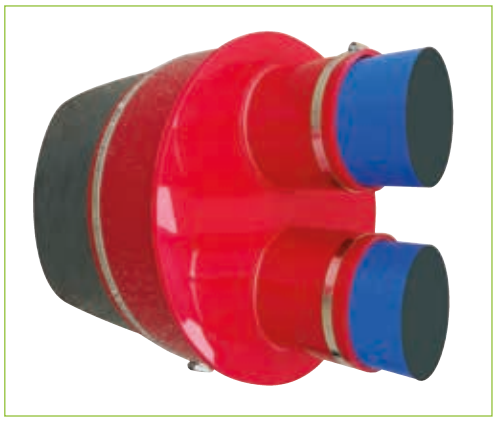
+12% surcharge from 20th of April 2026 until further notice

Product group 800

Dimensions DN in mm			Art.No.	€/pcs
50	x	200	18803	**194,05 €**
50	x	250	18804	**252,95 €**
50	x	300	18805	**300,50 €**
50	x	400	18807	**331,75 €**
50	x	500	18808	**505,70 €**
65	x	250	18822	**261,40 €**
65	x	300	18823	**309,00 €**
65	x	400	18825	**412,00 €**
65	x	500	18826	**522,50 €**
80	x	200	18830	**251,65 €**
80	x	250	18831	**261,40 €**
80	x	300	18832	**309,00 €**
80	x	400	18833	**412,00 €**
80	x	500	18834	**522,50 €**
100	x	200	18840	**219,80 €**
100	x	250	18841	**267,25 €**
100	x	300	18842	**315,10 €**
100	x	350	18843	**362,65 €**
100	x	400	18844	**410,20 €**
100	x	500	18845	**514,90 €**
125	x	200	18860	**226,85 €**
125	x	250	18861	**274,55 €**
125	x	300	18862	**322,05 €**
125	x	400	18864	**417,45 €**
125	x	500	18865	**524,65 €**
150	x	250	18880	**281,60 €**
150	x	300	18881	**329,35 €**
150	x	350	18882	**376,75 €**
150	x	400	18883	**519,95 €**
150	x	500	18885	**534,20 €**
150	x	600	18886	**658,25 €**
150	x	700	18887	**781,90 €**
150	x	800	18888	**795,75 €**
200	x	300	18900	**368,00 €**
200	x	350	18901	**391,25 €**
200	x	400	18902	**438,85 €**
200	x	450	18903	**486,50 €**
200	x	500	18904	**534,05 €**
200	x	600	18905	**781,90 €**
200	x	700	18906	**867,35 €**
200	x	800	18907	**915,45 €**

incl. stainless steel fastening straps

Standard price incl. one additional outlet



Further additional outlet	Art.No. 19702	**20,40 €**

Product group 800

Dimensions DN in mm			Art.No.	€/pcs
250	x	350	18920	**405,70 €**
250	x	400	18921	**453,35 €**
250	x	450	18922	**500,75 €**
250	x	500	18923	**533,25 €**
250	x	550	18924	**596,20 €**
250	x	600	18925	**678,65 €**
250	x	700	18926	**810,60 €**
250	x	800	18927	**909,60 €**
250	x	900	18928	**1.096,60 €**
250	x	1000	18929	**1.239,35 €**
300	x	400	18940	**467,65 €**
300	x	450	18941	**514,95 €**
300	x	500	18942	**562,80 €**
300	x	550	18943	**610,40 €**
300	x	600	18944	**658,10 €**
300	x	650	18945	**734,20 €**
300	x	700	18946	**781,90 €**
300	x	800	18947	**934,35 €**
300	x	900	18948	**1.086,95 €**
300	x	1000	18949	**1.239,35 €**
350	x	450	18960	**529,45 €**
350	x	500	18961	**576,85 €**
350	x	550	18962	**624,50 €**
350	x	600	18963	**672,50 €**
350	x	700	18964	**801,00 €**
350	x	800	18965	**960,70 €**
350	x	900	18966	**1.125,20 €**
400	x	500	18980	**591,40 €**
400	x	550	18981	**639,10 €**
400	x	600	18982	**686,50 €**
400	x	650	18983	**734,35 €**
400	x	700	18984	**781,90 €**
400	x	750	18985	**867,75 €**
400	x	800	18986	**915,45 €**
400	x	900	18987	**1.086,95 €**
400	x	1000	18988	**1.258,45 €**
450	x	550	19000	**653,10 €**
450	x	600	19001	**700,90 €**
450	x	650	19002	**748,75 €**
450	x	700	19003	**796,15 €**
450	x	800	19004	**934,35 €**
450	x	1000	19006	**1.296,60 €**

incl. stainless steel fastening straps

Standard price incl. one additional outlet

Further additional outlet	Art.No. 19702	**20,40 €**

Casing Endseals Type ASTM 4 pipes

+12% surcharge from 20th of April 2026 until further notice

Product group 800

Dimensions DN in mm			Art.No.	€/pcs
500	x	600	19010	**715,20 €**
500	x	650	19011	**762,85 €**
500	x	700	19012	**810,65 €**
500	x	750	19013	**858,30 €**
500	x	800	19014	**906,00 €**
500	x	900	19015	**1.048,80 €**
500	x	1000	19016	**1.239,35 €**
500	x	1100	19017	**1.430,05 €**
500	x	1200	19018	**1.543,55 €**
550	x	650	19030	**777,20 €**
550	x	700	19031	**824,90 €**
550	x	800	19032	**920,90 €**
550	x	900	19033	**1.067,75 €**
600	x	700	19040	**839,10 €**
600	x	750	19041	**886,85 €**
600	x	800	19042	**934,35 €**
600	x	850	19043	**982,20 €**
600	x	900	19044	**1.029,60 €**
600	x	1000	19045	**1.182,25 €**
600	x	1100	19046	**1.391,80 €**
650	x	750	19060	**853,30 €**
650	x	800	19061	**948,80 €**
650	x	900	19062	**1.044,20 €**
650	x	1000	19063	**1.201,35 €**
700	x	800	19070	**963,15 €**
700	x	850	19071	**1.010,75 €**
700	x	900	19072	**1.059,05 €**
700	x	1000	19073	**1.153,75 €**
700	x	1100	19074	**1.324,55 €**
700	x	1200	19075	**1.544,40 €**
700	x	1300	19076	**1.773,40 €**
700	x	1400	19077	**2.001,90 €**
750	x	850	19090	**1.025,10 €**
750	x	900	19091	**1.072,45 €**
750	x	950	19092	**1.092,75 €**
750	x	1000	19093	**1.167,80 €**
750	x	1200	19095	**1.573,10 €**
800	x	900	19100	**1.086,95 €**
800	x	950	19101	**1.134,75 €**
800	x	1000	19102	**1.182,25 €**
800	x	1100	19103	**1.277,65 €**
800	x	1200	19104	**1.449,25 €**
800	x	1300	19105	**1.697,60 €**
800	x	1400	19106	**1.945,40 €**

incl. stainless steel fastening straps

Standard price incl. one additional outlet

Further additional outlet	Art.No. 19702	**20,40 €**

Product group 800

Dimensions DN in mm			Art.No.	€/pcs
850	x	950	19120	**1.101,25 €**
850	x	1000	19121	**1.148,85 €**
850	x	1100	19122	**1.244,45 €**
900	x	1000	19130	**1.210,80 €**
900	x	1050	19131	**1.258,45 €**
900	x	1100	19132	**1.305,95 €**
900	x	1200	19133	**1.401,60 €**
900	x	1300	19134	**1.582,65 €**
900	x	1400	19135	**1.849,30 €**
900	x	1500	19136	**2.117,55 €**
950	x	1050	19140	**1.272,80 €**
950	x	1100	19141	**1.320,55 €**
950	x	1200	19142	**1.415,70 €**
950	x	1300	19143	**1.601,70 €**
1000	x	1100	19150	**1.334,80 €**
1000	x	1200	19151	**1.430,05 €**
1000	x	1300	19152	**1.525,45 €**
1000	x	1400	19153	**1.716,00 €**
1000	x	1500	19154	**2.003,00 €**
1050	x	1200	19170	**1.444,40 €**
1050	x	1300	19171	**1.539,85 €**
1050	x	1400	19172	**1.734,50 €**
1050	x	1500	19173	**2.029,70 €**
1100	x	1200	19180	**1.402,25 €**
1100	x	1300	19181	**1.554,00 €**
1100	x	1400	19182	**1.649,50 €**
1100	x	1500	19183	**1.849,30 €**
1200	x	1400	19190	**1.678,05 €**
1200	x	1500	19191	**1.773,40 €**
1200	x	1600	19192	**1.982,55 €**

incl. stainless steel fastening straps

Standard price incl. one additional outlet

Further additional outlet	Art.No. 19702	**20,40 €**

+12% surcharge from 20th of April 2026 until further notice

Product group 950

		Pigs: Super Soft yellow		Pigs: Medium density blue					Pigs: Hard Density red		
		PM-S	PM-SX	PM-M	PM-MX	PM-MV	PM-MXB	PM-MXC	PM-H	PM-HX	PM-HV
Inch	ND	€/pcs	€/pcs	€/pcs	€/pcs	€/pcs	€/pcs	€/pcs	€/pcs	€/pcs	€/pcs
2,0	50	21,80 €	77,70 €	49,65 €	103,55 €	88,70 €	151,95 €	184,20 €	50,65 €	107,60 €	92,35 €
2,5	65	-	-	51,70 €	107,50 €	90,40 €	156,95 €	186,65 €	53,85 €	111,90 €	94,15 €
3,0	80	26,95 €	84,10 €	58,75 €	112,05 €	95,90 €	193,45 €	202,95 €	61,05 €	116,50 €	106,05 €
4,0	100	36,65 €	98,55 €	67,30 €	131,15 €	114,80 €	219,90 €	224,60 €	74,75 €	136,50 €	119,35 €
5,0	125	42,55 €	138,35 €	89,25 €	184,35 €	139,70 €	243,40 €	243,25 €	94,15 €	191,75 €	145,30 €
6,0	150	50,30 €	147,55 €	100,70 €	196,40 €	189,40 €	303,15 €	288,15 €	104,85 €	204,20 €	196,95 €
7,0	175	-	-	144,85 €	279,10 €	232,75 €	420,90 €	392,80 €	152,00 €	290,40 €	253,40 €
8,0	200	68,90 €	227,80 €	167,70 €	303,40 €	245,90 €	468,25 €	419,45 €	161,65 €	315,50 €	255,80 €
10,0	250	99,70 €	332,05 €	270,65 €	442,55 €	356,90 €	724,85 €	638,05 €	283,20 €	460,25 €	371,20 €
12,0	300	168,05 €	486,70 €	397,60 €	648,65 €	471,35 €	938,35 €	847,80 €	405,95 €	674,70 €	490,45 €
14,0	350	217,50 €	602,75 €	521,75 €	803,60 €	646,65 €	1151,30 €	1.045,50 €	530,10 €	835,90 €	672,60 €
16,0	400	310,25 €	777,45 €	755,30 €	1.036,50 €	869,45 €	1.556,25 €	1.306,85 €	746,50 €	1.078,15 €	904,25 €
18,0	450	400,20 €	888,05	862,00 €	1.183,95 €	1.037,75 €	1.577,75 €	1.480,30 €	873,65 €	1.231,30 €	1.079,20 €
20,0	500	499,55 €	888,05 €	1.123,40 €	1.451,85 €	1.288,65 €	2.032,35 €	1.961,40 €	1.122,75 €	1.510,10 €	1.340,30 €
22,0	550	653,50 €	1.089,00 €	1.474,15 €	1.876,15 €	1.697,35 €	2.302,45 €	2.283,20 €	1.449,90 €	1.951,20 €	1.765,25 €
24,0	600	689,35 €	1.407,25 €	1.630,35 €	2.099,25 €	1.876,15 €	2.813,65 €	2.710,55 €	1.697,35 €	2.217,35 €	1.951,20 €
26,0	650	964,05 €	2.225,85 €	1.809,80 €	2.967,95 €	2.510,85 €	3.480,55 €	3.339,25 €	2.040,35 €	3.086,65 €	2.611,25 €
28,0	700	1.187,65 €	2.555,25 €	2.173,15 €	3.406,90 €	2.970,70 €	3.941,45 €	3.789,35 €	2.510,85 €	3.543,25 €	3.089,55 €
30,0	750	1.404,20 €	3.055,45 €	2.530,35 €	4.073,75 €	3.616,75 €	4.858,70 €	4.695,60 €	2.866,10 €	4.236,70 €	3.761,40 €
32,0	800	1.696,65 €	3.568,80 €	3.128,40 €	4.758,30 €	4.392,75 €	5.565,10 €	5.391,25 €	3.550,75 €	4.948,80 €	4.568,55 €
34,0	850	2.105,05 €	4.168,05 €	3.834,70 €	5.557,25 €	5.328,70 €	6.460,05 €	6.238,30 €	4.353,15 €	5.779,55 €	5.541,85 €
36,0	900	2.534,35 €	4.602,20 €	4.315,85 €	6.136,25 €	5.907,70 €	7.771,65 €	7.536,90 €	4.920,35 €	6.381,70 €	6.144,10 €
38,0		2.862,00 €	5.783,80 €	5.330,75 €	7.711,60 €	7.026,05 €	8.916,15 €	8.668,35 €	6.026,65 €	8.020,20 €	7.307,15 €
40,0	1000	3.299,70 €	6.285,80 €	5.891,25 €	8.380,85 €	7.695,35 €	9.611,85 €	9.350,95 €	6.688,90 €	8.716,10 €	8.003,20 €
42,0		3.699,75 €	6.852,40 €	6.892,75 €	9.136,50 €	8.451,05 €	11.058,30 €	10.784,55 €	7.435,40 €	9.502,05 €	8.789,05 €

Super Soft: 24 - 32 kg/m³ PU coated, color: yellow
Medium Density: 80 - 112 kg/m³ PU coated, color: blue
Hard: 128 - 160 kg/m³ PU coated, color: red

Other sizes and qualities on request.

Product group 890

Cable Duct Fitting 4 pipes PN 10/16

Pipe OD in mm	PU	Art.No.	€/pcs
40	25	20602	**6,55 €**
50	15	20603	**7,20 €**

Coupling with closed endcap 4 pipes

Pipe OD in mm	Art.No.	€/pcs
40	20612	**4,85 €**
50	20613	**6,10 €**

Couplig with testing valve 4 pipes

Pipe OD in mm	Art.No.	€/pcs
40	20622	**24,50 €**
50	20623	**28,20 €**

+12% surcharge from 20th of April 2026 until further notice

Product group 960

Pipe bevelling tool

	Description	Art.No.	€/pcs
	Outside bevelling tool for plastic pipes OD 20, 25, 32, 40, 50, 63 mm	20301	**41,40 €**
	Outside bevelling tool for plastic pipes OD 75, 90, 110 mm	20306	**84,00 €**
	Inside bevelling tool OD 20-63 green	20315	**41,40 €**
	Spare blades for Art. Nr. 20301, 20306 and 20315, Pack of 10 pieces	20302	**41,40 €**

Cleaning strap

	Description	Art.No.	€/pcs
	Length 1 m for pipes up to DN 300	20310	**312,75 €**
	Length 2 m for pipes from DN 300 up to OD 600	20311	**437,85 €**

Uni-Key-Adapter

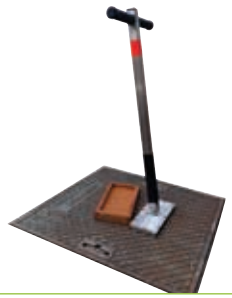
	Description	Art.No.	€/pcs
	Uni-Key-Adapter Standard 80 mm	20320	**623,00 €**
	Uni-Key-Adapter Mini 60 mm	20321	**594,20 €**

Shore D measuring tool

	Description	Art.No.	€/pcs
	Shore D measuring tool* with drag indicator for hardness test of Fibercoat Ultra and Pipecoat Watercure	20304*	**495,60 €**

*not discountable

Product group 960

	Description	Art.No.	€/pcs
	Magnetic Street Cap Lifter Length 670 mm **130 kg** magnetic holding force	20300	**319,20 €**
	Magnetic Street Cap Lifter Length 670 mm **250 kg** magnetic holding force	20312	**555,00 €**
	Magnetic Manhole Cover Lifter MD 400 **400 kg** magnetic holding force	20313	**924,00 €**
	Wheeled adapter lever for magnetic cover lifter MD 400	20314	**810,00 €**

Pipe Storage System - Pipe Stop 50 4 pipes

+12% surcharge from 20th of April 2026 until further notice

Product group 880

Product	Description	Art.No.	€/pcs
Attention bulky freight Delivery ex works only	**Pipe Stop Rail** Length of the rail: 4,013 mm Weight of the rail: approx. 46,5 kg	59050	**1.128,20 €**
	Pipe Stop Block A Diameter range: Ø 200 - 406 mm Weight of the block: approx. 5,5 kg	59055	**156,05 €**
	Pipe Stop Block B Diameter range: Ø 380 - 670 mm Weight of the block: approx. 12,5 kg	59056	**237,45 €**
	Pipe Stop Block C Diameter range: Ø 660 - 1.590 mm Weight of the block: approx. 8,2 kg	59057	**177,05 €**
	Pipe Stop Block D Diameter range: Ø 1.030 - 2.575 mm Weight of the block: approx. 16,2 kg	59058	**286,75 €**
	Pipe Stop End Cap Weight of the end cap: approx 1,1 kg	59059	**132,30 €**
	Pipe Stop rail connector Weight of the connector: approx 0,6 kg	59065	**108,05 €**
	Pipe Stop Connector Installation Tool Weight of the installation tool: approx 0,4 kg	59066	**163,70 €**
	Pipe Stop Anti-Skid Sheet Weight of the anti-skid: approx. 1,4 kg/meter	59068	**21,50 €/m**

Product group 880

Product	Type	Weight (kg)	Art.No.	€/pcs
	Pipe Carrier Premium 6 Base	11,2	59080	**247,85 €**
	Pipe Carrier Premium 6 Mid	12	59081	**261,10 €**
	Pipe Carrier Premium 5 Base	11,8	59082	**247,85 €**
	Pipe Carrier Premium 5 Mid	11,5	59083	**261,10 €**
	Pipe Carrier Premium 4 Base	11,2	59084	**247,85 €**
	Pipe Carrier Premium 4 Mid	12	59085	**261,10 €**
	Pipe Carrier Premium 3 Base	12,3	59086	**277,90 €**
	Pipe Carrier Premium 3 Mid	13,9	59087	**308,35 €**
	Pipe Carrier Premium 2 Base	15,6	59088	**351,80 €**
	Pipe Carrier Premium 2 Mid	18	59089	**400,45 €**

+12% surcharge from 20th of April 2026 until further notice

Product group 880

Product	Description	Art.No.	€/pcs
Attention bulky freight **Delivery ex works only**	**System88 steel profile** The square profile is available in the standard width of a - truck`s trailer: 2.450 mm - train`s trailer: 2.700 mm The weight of the profile is approx. 20 kg (truck) / 22kg (train)	59000 59001	**693,25 €** **693,25 €**
	System88 Block A This block will be placed on the bottom-profile. Diameter range: Ø 219,1 - 558,8 mm. Weight of the Block: approx. 1-8 kg	59005	**114,10 €**
	System88 Block B for bottom-profile for Ø 406-945 mm	59007	**177,15 €**
	System88 Block C for bottom-profile for Ø 558-1422 mm	59009	**211,60 €**
	System88 Block D for bottom-profile for Ø 1422-2032 mm	59010	**358,20 €**
	System88 Block K This block will be placed on a mid-profile. Diameter range: Ø 219,1 - 558,8 mm. Weight of the Block: approx. 2,8 kg.	59006	**148,45 €**
	System88 Block L This block will be placed on a mid-profile. Diameter range: Ø 406,4 - 1.219,2 mm Weight of the Block: approx. 7,4 kg.	59008	**246,50 €**
	Locking pin for blocks This pin is used to secure the block on the rail. When the block and the rail align, a pin is placed through the aligned holes. Weight of the Locking pin: approx. 0,6 kg	59015	**24,50 €**
	Securing clip for Locking pin This is a safety attribute which will decrease the chances of the pin failing to secure the block on the rail. Weight of the clip: approx. 0,1 kg.	59016	**1,35 €**
	Anti-skid sheet (NOT used when working on trains) Anti-skid increases the friction between System88 and the load (0.3 ⇒ 0.6). Although it is not mandatory, 4 pipes strongly recommends using it. Weight of the anti-skid: approx. 1,4 kg/m. **2,50 metre** **2,75 metre**	59017 59018	**57,20 €** **57,20 €**

§1 SCOPE OF APPLICATION, FORM

(1) These general terms and conditions of delivery (GTCD) apply to all business relationships with our customers ("buyers"). These GTCD only apply if the buyer is defined as a registered business according to section 14 of the German Civil Code (BGB), a legal entity according to public law or a special investment fund according to public law.

(2) These GTCD apply, in particular, to contracts for the sale and/or the delivery of movable items ("goods"), regardless of whether we manufacture the goods ourselves or purchase them from a supplier (§§ 433, 650 BGB). If no other agreement has been reached, the GTCD version valid at the time of the purchase order from the buyer, or in the text form (e.g. letter, email, telefax) last submitted to him, serve as a framework agreement that is also applicable for future contracts of the same kind, without any requirement for us to make reference to it in each individual case.

(3) Our GTCD are valid to the exclusion of any other terms or conditions. Any general terms and conditions of the buyer that vary, contradict or supplement our GTCD only become valid contract elements in such case that we have expressly agreed to accept them as valid. This requirement to ensure our express agreement applies in every case; for example, even if the buyer, in the course of confirming the order, refers to his GTC, and we do not expressly raise objection to this.

(4) The regulations of the VOB/B (German standard building contract terms) are not a subject of this contract.

(5) Any individual agreements (e.g. framework supply contracts) and specifications in our order confirmation take precedence over these GTCD.

(6) Legally-relevant declarations and notifications from the buyer with reference to the contract (e.g. setting deadlines, defect notifications, withdrawal or reduction) have to be submitted in writing. For the purposes of these GTCD, written form includes any common written or text form (e.g. letter, email, telefax). Statutory requirements for written declarations and notifications remain unaffected.

(7) Any references to the application of statutory regulations serve only to provide clarity. Even without any such clarifying reference, all statutory regulations are applicable, unless they are expressly amended or excluded in these GTCD.

§2 CONCLUSION OF CONTRACT

(1) Our offers are non-binding and subject to alteration. This also applies if we have made available to the buyer any catalogues, other product descriptions or documents, also in electronic form.

(2) The purchase order of the goods by the buyer applies as a binding agreement from the side of the buyer. Unless otherwise stipulated in the purchase order, we are entitled to accept this binding agreement from the side of the buyer within two weeks from the date of receipt.

(3) Our acceptance can be declared either in writing (e.g. by order confirmation) or by dispatching the goods to the buyer.

§ 3 DELIVERY DEADLINES AND DELAY IN DELIVERY

(1) Any dates and deadlines set by us for deliveries and the rendering of services are always deemed to be approximate unless a fixed delivery period or a fixed delivery date has been expressly committed to or agreed on. In such case that dispatch has been agreed on, periods of delivery and delivery deadlines refer to the point of time that the goods are handed over to the forwarder, carrier or other third party contracted to perform transportation of the goods, unless we have expressly stated otherwise.

(2) We are not liable for impossibility of delivery or for delays in delivery that result from force majeure or other happenings that were not foreseeable at the point of time that the contract was concluded (e.g. any form of operational breakdown, difficulties with material procurement or power supply, transport delays, strikes, legal lockouts, staff shortages, power shortages, material shortages, difficulties during the procurement of necessary official approvals, pandemics or epidemics, measures by public authorities or missing, incorrect or delayed incoming deliveries from suppliers, despite a congruent covering transaction concluded by the vendor), which we are not responsible for. In such case that such happenings make it significantly more difficult or impossible to render delivery or service, and the hinderance is not just temporary, we are entitled to withdraw from the contract. In the case of temporary hinderances, periods of delivery or the rendering of services are extended or delivery or service deadlines are deferred in accordance with the duration of the hinderance plus an appropriate start-up period. In such case that the buyer cannot reasonably be expected to accept the delivery or service due to delay, he can withdraw from the contract by immediately providing us with a written declaration to this end.

(3) We are defined to be in delay of delivery in accordance with the applicable statutory regulations. In any case, an official notice of overdue delivery is required from the buyer.

(4) The rights of the buyer in accordance with § 8 of these GTCD and our legal rights, in particular regarding exemption from duty of performance (e.g. due to impossibility or unreasonableness of the service and/or subsequent fulfilment) remain unaffected.

(5) We are entitled to perform partial deliveries if the partial delivery is usable for the buyer within the framework of the contractually stipulated purposes, the delivery of the remaining ordered goods is assured and the buyer is not subject to any significant additional effort or expense as a result (unless we indicate our readiness to bear such expense).

§ 4 DELIVERY, TRANSFER OF RISK, CUSTOMER ACCEPTANCE, DELAY IN ACCEPTANCE

(1) Delivery is performed from stock, which is also the place of fulfilment for the delivery and any subsequent fulfilment. On request and at the expense of the buyer, the goods will be dispatched to a different defined location (sales shipment). In such case that no other agreement has been concluded, we are entitled to determine the means of shipment (in particular, the forwarding company, the transport route and the packaging).

(2) The risk of accidental loss or accidental material damage is transferred to the buyer at the time of the handover of goods at the latest. In the case of a sales shipment, however, the risk of accidental loss or accidental material damage, as well as the risk of delay, is transferred to the forwarder, the carrier or other person or organisation defined as responsible for the execution of the shipment at the point of time that the goods are dispatched.

(3) In such case that a customer acceptance inspection has been agreed, this is the significant point for the transfer of risk. In addition, the statutory regulations of contract law apply for agreed customer acceptance.

(4) The handover or customer acceptance is, in equivalence, deemed to have been performed when the buyer is in delay of acceptance. Should the dispatch or the handover/customer acceptance be delayed as a result of circumstances caused by the buyer, the risk is transferred to the buyer from the day, that we have previously indicated to the buyer, on which the goods due for delivery are ready for dispatch.

(5) If the buyer is in delay of acceptance, if he fails to adhere to a duty of cooperation or if our delivery is delayed for any other reason that the buyer is accountable for, then we are entitled to demand compensation for any damages and/or additional costs that result from this delay (e.g. storage costs).

§ 5 PRICES AND TERMS OF PAYMENT

(1) In so far as no other individual agreement has been reached, our prices at the point of time of the conclusion of the contract are valid and are defined as ex-works prices, with the applicable sales tax (VAT) still to be added. In the case of a sales shipment (§4 para. 1), the buyer bears the costs from stock (ex-warehouse).

(2) In such case that the agreed prices are based on our list prices and the delivery should be performed more than four months after the conclusion of contract, our list prices at the time of delivery are applicable.

(3) The sales price is due and to be paid, without deductions, within 30 days of the issuing of the invoice and delivery or customer acceptance of the goods. For payment within 14 days, we grant a prompt-payment discount of 2%. We are, however, entitled, even in the course of an ongoing business relationship, to perform complete or partial delivery only upon receipt of a pre-payment. At the latest, we will declare our intention to do so in the order confirmation.

(4) If the above-mentioned payment period has expired without performance of payment, the buyer is in default. During the period in which the buyer is in default, interest is charged on the purchase price at the valid statutory rate of interest. We reserve the right to demand further compensation for the default on payment. With regard to transactions with business people, our entitlement to commercial interest on maturity (§353 HGB) remains unaffected.

(5) The buyer only has a right to offset or withhold payment in such case that his right to do so has been legally determined or is undisputed. Regarding defect of delivery, the counter rights of the buyer remain unaffected, particularly in accordance with § 7 para. 5 point 2 of these GTCD.

§ 6 RETENTION OF OWNERSHIP

(1) Up until the point that all of our invoices, for current and future receivables, resulting from the contract of sale and the ongoing business relationship (guaranteed claims), have been settled in full, we retain ownership of the goods sold.

(2) The goods subject to our retention of ownership must not be pledged to a third party or collateralised until all guaranteed claims for payment (invoiced amounts) have been settled. The buyer is required to notify us immediately in writing if an application for insolvency has been submitted or if third parties have gained access to goods that belong to us (e.g. seizures).

(3) If the buyer does not act in adherence to the contract, particularly in the case that he fails to pay the purchase price due, we are entitled, in accordance with statutory regulations, to withdraw from the contract and/or demand the return of goods on the basis of our retention of ownership. The demand for the return of goods does not, in itself, define a withdrawal from the contract; we are further entitled just to demand the return of goods and to reserve our right to withdraw from the contract. If the buyer fails to pay the sales price when due, we are only entitled to exercise these rights when we have previously set the buyer an appropriate deadline for payment without success, or if the setting of such a deadline is unnecessary in accordance with statutory regulations.

(4) Up until revocation in accordance with point (c) below, the buyer is allowed to resell or further process the goods subject to our retention of ownership in the proper course of business. In such case, the following stipulations apply additionally.

(a) The retention of ownership extends to include any products, at their full value, created by the processing, mixing or combining of our goods, in such case that we apply as the manufacturer. Should it be the case that our goods are processed, mixed ore combined with the goods of a third party with a legiti-

mate right of ownership, then we are entitled to co-ownership in proportion to the invoice value of the processed, mixed or combined goods. In general, the same applies to the products created as to the goods delivered with retention of ownership.

(b) Any amounts receivable from third parties for the resale of the goods, or the sale of the products resulting from the goods, are to be transferred to us immediately by the buyer as collateral, either in full or in proportion to our percentage of co-ownership in accordance with the paragraph above. We will accept this transfer. The obligations of the buyer stipulated in paragraph 2 also apply with respect to the transferred amounts receivable.

(c) Alongside us, the buyer is also empowered to collect amounts receivable. We undertake not to collect these amounts receivable as long as the buyer adheres to his obligations to make payments due to us, there are no defects with regard to his provision of goods and services and we have not exercised our right to retention of ownership in accordance with paragraph 3. In such case, we can demand that the buyer notifies us of the transferred amounts receivable and their respective debtors, provides all the required information for collection of the receivable, issues all of the corresponding documents and notifies the debtor (third party) of the transfer of amounts receivable to us. Furthermore, in such case we are entitled to revoke the authorisation of the buyer to sell on or further process the goods subject to our retention of ownership.

(d) Should the realisable value of the collateral exceed our amounts receivable by more than 10%, we will release some items of our choice held as collateral if requested to do so by the buyer.

§ 7 BUYERS RIGHT TO RAISE CLAIMS DUE TO DEFECT

(1) Statutory regulations apply regarding the rights of the buyer in the case of defects, as long as nothing else is stipulated in the following. In all cases, the statutory regulations remain unaffected regarding the purchase of consumer goods (§§474 BGB) and the rights of the buyer originating from particular warranty agreements, in particular from the side of the manufacturer.

(2) The basis of our liability for defects is, first and foremost, the agreement reached about the condition and intended use of the goods concerned.

(3) On no account are we liable for any defects that are known to the buyer upon conclusion of the contract or that the buyer is not aware of due to gross negligence (§442 BGB). In addition, it is a prerequisite of any claim raised by the buyer due to defects that he is in adherence to his statutory obligation to inspect goods and report defects (§§ 377, 381 HGB). For building materials and other goods intended for installation or other further processing, an inspection has to be carried out immediately before the processing. If a defect should become apparent in the course of an inspection or at any later point of time, then this defect is to be reported to us without delay. In any case, all obvious defects have to be reported to us in writing within five days from the date of delivery, and any defects that are not immediately apparent are to be reported to us in writing within five days of detection. Should the buyer fail to carry out proper inspection and/or report a defect to us, then we bear no liability for an unreported defect, a defect that was not reported on time or a defect that was not correctly reported, in accordance with statutory regulation. For goods intended for insertion, connection or installation, this also applies if a defect resulting from a failure to comply with these obligations only becomes apparent after the processing concerned; in particular, in this case, the buyer has no right to raise a claim for compensation of costs incurred ("installation and deinstallation").

(4) If the item delivered is defective, we can then choose if we perform subsequent fulfilment by eliminating the defect (rectification) or by delivering a defect-free item (replacement delivery). If the form of subsequent fulfilment chosen by us is unreasonable for the buyer in a particular case, he can reject it. Our right to refuse subsequent fulfilment in accordance with statutory regulations remains unaffected.

(5) We are entitled to make the required subsequent fulfilment dependent on the buyer paying the sales price due. However, the buyer is entitled to withhold a part of the sales price in appropriate proportion to the defect.

(6) The buyer has to give us the time and opportunity necessary to carry out any required subsequent fulfilment, in particular by handing over the goods subject to claim for the purposes of inspection. In the case of a replacement delivery, the buyer is required to return the defective items to us upon our request and in accordance with statutory regulations; however, the buyer does not have a right of return. The subsequent fulfilment does not include either the removal or deinstallation of the defective item or the mounting or installation of a defect-free item if we were not originally obliged to perform such tasks. The right of the buyer to claim compensation for costs incurred ("installation and deinstallation") remains unaffected.

(7) Any expenses, in particular for transport costs, travel expenses, labour costs and material costs, as well as possible installation and deinstallation costs, which are incurred for the purposes of inspection and subsequent fulfilment will be borne or reimbursed by us in accordance with statutory regulations and the stipulations of this GTCD, provided that there is actually a defect. Conversely, we can demand compensation for costs incurred or reimbursed by us due to an unjustified claim due to defect raised by the buyer in such case that the buyer knew or could have recognised that no actual defect has occurred.

(8) In urgent cases, such a danger to operational safety or the prevention of disproportionate damage, the buyer is entitled to eliminate or correct the defect himself and to demand compensation from us for the cost of executing objectively required measures. In the case of such self-performed corrective measures, the buyer is required to notify us without delay, if possible in advance. The buyer is not entitled to carry out self-performed corrective measures if we would be entitled to refuse to carry out corresponding subsequent fulfilment in accordance with statutory regulations.

(9) If an appropriate deadline for subsequent fulfilment set by the buyer has elapsed without success or such a deadline is unnecessary in accordance with statutory regulations, the buyer is then entitled, in accordance with statutory regulations, to withdraw from the contract of sale or reduce the purchase price. However, the right of withdrawal does not apply in the case of an insignificant defect.

(10) The buyer is not entitled to any reimbursement of expenses in accordance with §445a para. 1 BGB unless the last contract in the supply chain is a purchase of consumable goods (§§ 478, 474 BGB). Any entitlement that the buyer has to compensation or reimbursement for futile expenditure (§ 284 BGB) only applies to defects of the goods in accordance with stipulations of the following §§ 8 and 9.

§ 8 OTHER LIABILITY

(1) Unless otherwise stipulated in this GTCD, including the following paragraphs, we are liable in the case of a breach of contractual and non-contractual obligations in accordance with statutory regulations.

(2) We are liable for payment of compensation – irrespective of the legal grounds – within the framework of encumbrance liability in the case of wilful intent and gross negligence. In case of ordinary negligence, we are liable, subject to legal limitations of liability (e.g. diligence in our own matters, insignificant breach of duty), only

a) for damage due to fatalities, physical injuries or damage to health,

b) for damage due to breach of a significant contractual duty (an obligation whose fulfilment primarily facilitates proper execution of the contract and which contracting parties can expect to be adhered to on a regular basis); in such case, however, our liability is limited to compensation for foreseeable, typically-occurring damage.

(3) The limitations of liability defined in paragraph 2 above also apply with respect to third parties and to breach of duty by persons (also to their benefit) whose fault is assumed to be our responsibility according to statutory regulations. They do not apply in such case that a defect has been fraudulently concealed or a guarantee of the condition of the goods was entered into, and such case that a claim raised by the buyer is subject to product liability law.

(4) Should a breach of duty occur that is not due to defect, then the buyer is only entitled to withdraw from or terminate the contract of sale if we are held responsible for the breach of duty. The buyer is not entitled to a free right of termination (especially in accordance with §§ 650, 648 BGB). In addition, all statutory regulations and legal consequences are applicable.

(5) In as far as we are liable to pay compensation on specified grounds, this liability is limited to possible consequences of a breach of duty that we foresaw when the contract was concluded or that we would surely have noticed had we acted with proper diligence. Indirect damage and consequential damage, resulting from defects of the delivered items, are only subject to compensation in such case that the damage results from usage of the delivered items that is typically to be expected (common usage). The above-mentioned stipulations of this paragraph do not apply in the case of damage resulting from our wilful intent or gross negligence.

(6) In such case that we provide technical information or act as advisors and this information or advice does not belong to the scope of the contractually-agreed service we are obliged to render, then this is performed free-of-charge and is not subject to any form of liability.

§ 9 STATUTE OF LIMITATION

(1) In variance to § 438 para. 1 no. 3 BGB, the general statute of limitation period for claims raised due to defects is one year from the date of dispatch. In such case that a customer acceptance procedure has been agreed, the statute of limitation period begins with the customer acceptance.

(2) Should it be the case that the goods concerned are items that are used for a construction in accordance with their usual intended purpose and have caused this construction to be defective (building material), then the statute of limitation period is then five years from date of dispatch in accordance with statutory regulations (§ 438 para. 1 no. 2 BGB). Any other special statutory regulations regarding statute of limitation periods remain unaffected (especially § 438 para. 1 no. 1, para. 3, §§ 444, 445b BGB).

(3) The above-mentioned statute of limitation periods referring to the laws of purchase and sale also apply to contractual and non-contractual claims for compensation made by the buyer with regard to quality defects of goods, unless the application of the regular statutory limitation period (§§ 195, 199 BGB) would lead to a shorter statute of limitation period in an individual case. Claims for compensation raised by the buyer in accordance with § 8 para. 2 s. 1 and s. 2(a), or in accordance with product liability law, are exclusively subject to the statutes of limitations defined in law.

§ 10 CHOICE OF LAW AND PLACE OF JURISDICTION

(1) For this GTCD and the contractual relationship between us and the buyer, German law is applicable without possibility of recourse to international uniform law, in particular the UN Convention on Contracts for the International Sale of Goods.

(2) The exclusive – also international – place of jurisdiction for all legal disputes resulting from this contractual relationship is our place of business (registered office). However, we are in any case entitled to raise legal claim at the place of fulfilment of the duty of delivery, in accordance with these GTCD or an overriding individual agreement, or at the general place of jurisdiction of the buyer. Any overriding statutory regulations, in particular regarding exclusive responsibility, remain unaffected.

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Please note: this document serves exclusively as an aid to understanding for persons without knowledge of the German language. It is a translation of the original document in the German language. Only the original version in the German language is legally binding.

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