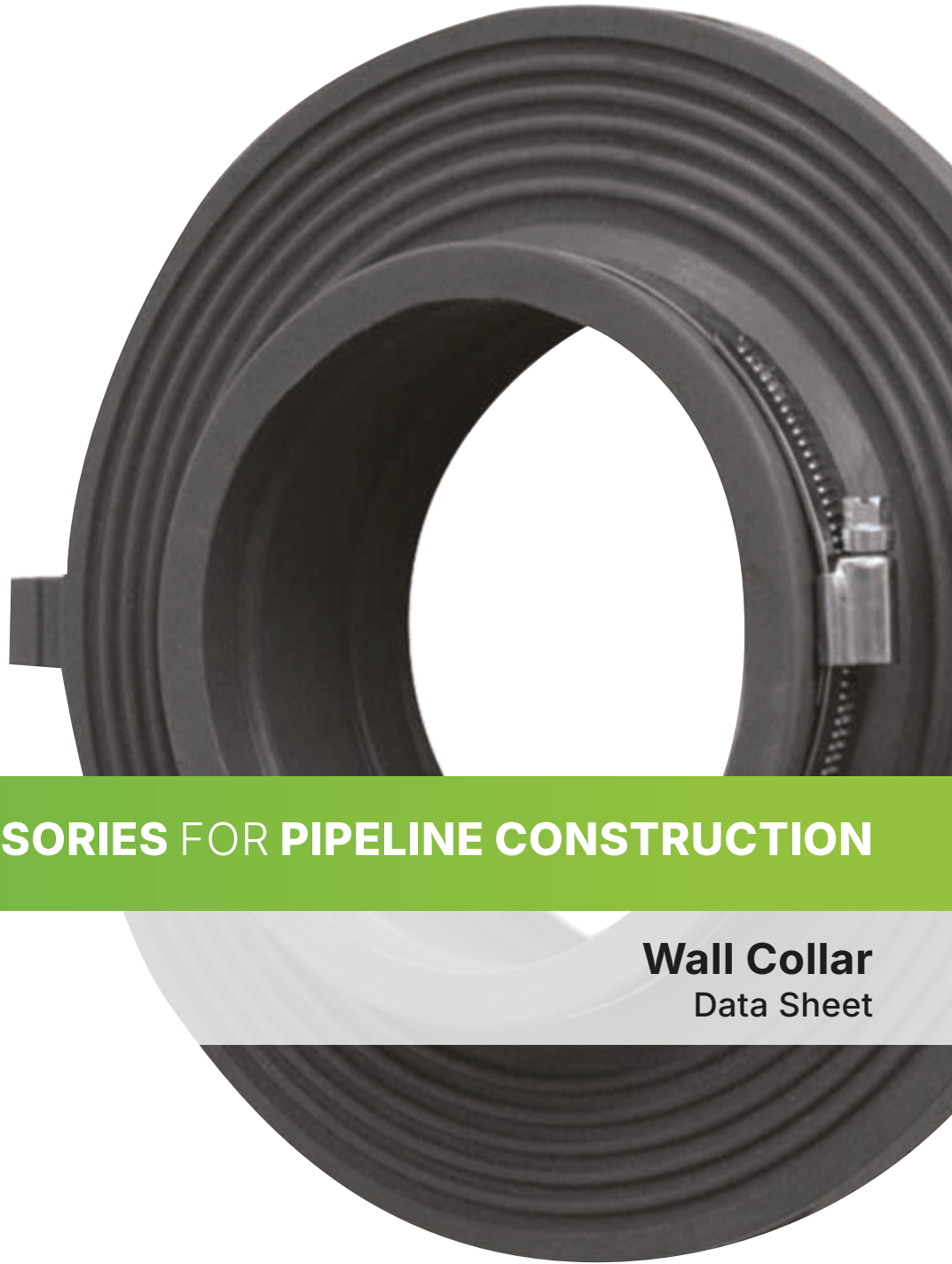




ACCESSORIES FOR PIPELINE CONSTRUCTION

Wall Collar
Data Sheet



GERMAN QUALITY
DIN EN ISO 9001:2015 CERTIFIED

Wall Collar

A secure hydrostatic wall penetration seal



PRODUCT INFORMATION

Wall collars serve as a water barrier for pipelines within the wall or baseplate, especially for wall penetrations where carrier pipes or wall sleeves are directly cast into the concrete. Pressure tight up to 5.0 bar.

The required depth of concrete coverage over the wall collar is to be considered depending on the concrete quality. We recommend a coverage of min. 40 mm for waterproof concrete.

USAGE

- for penetration of various pipe types (copper, steel, cast iron, plastic, fibre cement, concrete, stoneware) through foundations, ceilings, walls and floors
- manhole entering
- swimming pools
- underground tanks

Wall collars are used when the retrofit application of a wall sleeve or core hole is not possible and no adjustable seal makes sense.

ADVANTAGES

- Fast mounting
- Secure water stop up to 5 bar
- Usable for various pipe materials
- Usable for different constructions
- Radon tight
- Pressure-tight up to 5.0 bar – MFPA tested

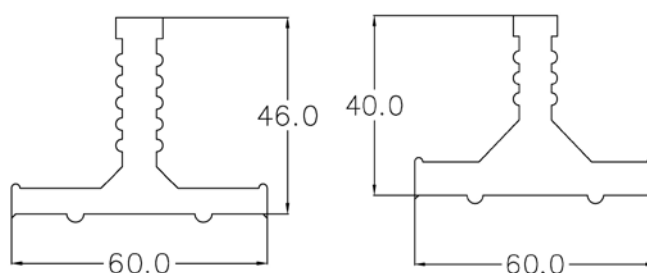
Rubber features

Service temperature	75 °C
Minimum temperature	- 40 °C
Elongation at break	500%
Hardness	45 ± 5 Shore A
Tensile strength	9,5 N/mm ²

APPLICATION INSTRUCTIONS

1. Clean pipe surface which has to be set in concrete
2. Put wall collar on the carrier pipe
3. Push wall collar up to the middle of the wall
4. Fix steel straps on both sides around the wall collar

OD 8 mm up to incl. 630 Ø > OD 630 Ø



Wall Collar - Installation guide

Wall collars serve as a water barrier for pipelines within the wall.
Especially at wall penetrations where medium pipes or wall-sleeves are directly cast into the concrete.



Clean pipe surface which has to be set in concrete.



Put wall collar on the medium pipe and center the position of wall sleeve ore core hole.



Fasten steel straps on both sides around the wall collar.



The 4 pipes wall collar is now ready for casting in core hole or wall sleeve.

Wall Collar

OD pipe in mm	Range		PU	Art.-No.
	from pipe OD	to pipe OD		
20 / 25	18	25	100	12838
32	29	32	90	12800
40	38	42	90	12801
50	48	53	70	12802
63	60	64	70	12803
75	71	80	50	12804
90	84	92	40	12805
100	95	105	30	12839
110	108	116	25	12806
125	120	130	20	12807
140	135	148	20	12808
160	154	166	15	12809
170	166	171	12	12850
180	175	190	12	12810
200	195	210	10	12811
225	215	230	10	12812

OD pipe in mm	Range		PU	Art.-No.
	from pipe OD	to pipe OD		
250	245	260	10	12813
280	275	290	10	12814
315	310	327	10	12815
355	350	365	10	12816
400	395	410	10	12817
450	440	460	10	12818
500	495	515	10	12819
560	555	580	10	12820
630	625	650	12	12821
710	705	735	-	12822
800	795	830	-	12823
900	895	930	-	12824
1000	995	1030	-	12825
1200	1195	1240	-	12826
1400	1395	1450	-	12827

Other dimensions on request

Wall collar for lightning protection systems



PRODUCT INFORMATION

The **lightning protection wall collar** type flat steel strip and type steel wire serve as a water barrier within the grounding.

The 4 pipes warranty only applies to faulty material. Checking the suitability of the product for the individual application is solely the responsibility of the user.

OD pipe in mm	Range		Art.-No.
	from pipe OD	to pipe OD	
8	7	10	12835
12	10	14	12836
30 × 3	30 × 2	30 × 5	12837
40 × 4	40 × 3	40 × 5	12834

Double-Wall Collar XL



PRODUCT INFORMATION

Double Wall Collars XL 4 pipes serve as a water barrier for pipelines within the baseplate or wall, especially for penetrations where carrier pipes or wall sleeves are directly cast into the concrete.

Wall collars are used when the retrofit application of a wall sleeve or core hole is not possible and no adjustable seal makes sense.

The required depth of concrete coverage over the wall collar is to be considered depending on the concrete quality. We recommend a coverage of min. 40 mm for waterproof concrete.

USAGE

The dimensions of the Double Wall Collar XL 4 pipes are made for plastic and **flexible corrugated plastic pipes**. Hydrostatic sealing of pipeline wall and baseplate penetrations especially in concrete.

ADVANTAGES

- **Double sealing** collar
- Fast mounting with **only one steel strap**
- Secure water stop according to the W2-E standard (DIN 18533-1)
- Radon tight
- Usable for various pipe materials
- ideal for corrugated pipe due to broad structural shape and **sturdy rubber base** which does not slip between two corrugations
- Easy mounting due to soft rubber compound
- High quality EPDM rubber
- Stainless steel fastening strap

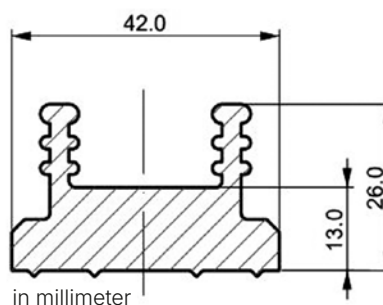
EPDM rubber features

Service temperature	max. 120 °C
Minimum temperature	- 40 °C
Elongation at break	min. 500%
Hardness	45 ± 5 Shore A

The 4 pipes warranty only applies to faulty material. Checking the suitability of the product for the individual application is solely the responsibility of the user.

INSTALLATION GUIDE

1. Clean pipe surface which has to be cast in concrete
2. Put wall collar on the carrier pipe
3. Push wall collar up to the middle of the wall / baseplate
4. Fix steel strap around the wall collar
5. Cast into concrete in a professional way



Type	AD in mm	Art.-Nr.
Wall collar XL for OD 25 mm	77 mm	12770
Wall collar XL for OD 32 mm	84 mm	12771
Wall collar XL for OD 40 mm	92 mm	12772
Wall collar XL for OD 50 mm	102 mm	12773
Wall collar XL for OD 63 mm	115 mm	12774
Wall collar XL for OD 75 mm	127 mm	12775
Wall collar XL for OD 90 mm	142 mm	12776
Wall collar XL for OD 100 mm	152 mm	12777
Wall collar XL for OD 110 mm	162 mm	12778
Wall collar XL for OD 125 mm	177 mm	12779
Wall collar XL for OD 140 mm	192 mm	12781
Wall collar XL for OD 150 mm	202 mm	12782
Wall collar XL for OD 160 mm	212 mm	12783
Wall collar XL for OD 175 mm	227 mm	12784
Wall collar XL for OD 200 mm	252 mm	12785
Wall collar XL for OD 225 mm	277 mm	12786
Wall collar XL for OD 250 mm	302 mm	12787
Wall collar XL for OD 315 mm	367 mm	12788

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