



WALL COLLARS

Sealing for water and air,

and approved for RADON

(RADON approved up to Ø315)



General information

An economical and reliable method of hydrostatic sealing

Wallcollars are used for the hydrostatic sealing of pipes made of steel, cast iron, copper, plastic, fibre reinforced concrete, concrete and vitrified clay that pass through walls, ceilings, floors, shaft openings, swimmingpools and groundwater troughs.

Wallcollars are the ideal solution where ever it is not possible to retrofit wall or sleeves or drilling holes.

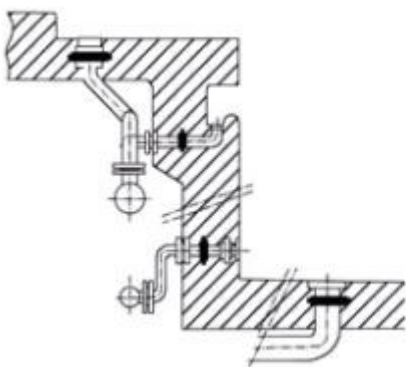
- **Groundwater and pressing water tight, RADON tight**
- for pipes OD 32 to OD 315 tested up to 5 bar
- from pipe OD 355 tested up to 4 bar

Material high quality rubber	Value/unit
Tensile strenght	9.5 N/mm ²
Elongation at break	500.0%
Shore hardness A	45±5°
Temperature	-40°C to 80°C

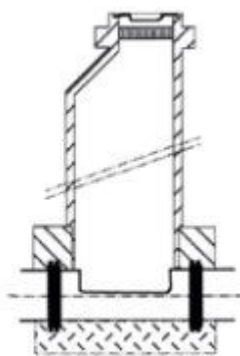
Note: The wallcollar is not an anchoring point for pipes!



Application examples



Swimming pool



Man hole opening



Construction



Contractor



Water



VVS



Energy



Oil



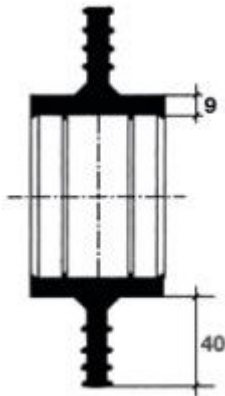
Gas



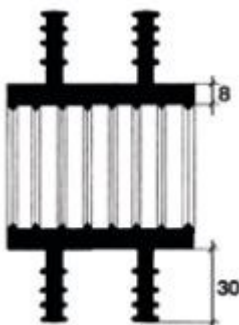
Industry

Dimension and installation instruction

Up to Ø315



From Ø355



Pipe OD in mm	Clamping range		By post-casting Recommended hole or larger	Alternative W802 Recommended ho- le or larger
	From OD pipe	To OD pipe		
10	8	10	208	183
30x3,5 mm flat	-	-	-	-
32	29	32	230	205
40	38	42	238	213
50	48	53	248	223
63	60	64	261	236
75	74	80	273	248
90	84	92	288	263
110	105	116	308	283
125	120	130	323	298
140	135	158	338	313
160	154	166	358	333
180	175	190	378	353
200	195	210	398	378
225	215	230	423	403
250	245	260	448	428
280	275	290	478	458
315	310	327	513	493
355	350	365	531	511
400	395	410	576	556
450	440	460	626	606
500	495	515	676	656
560	555	580	736	716
630	625	650	806	786
710	705	735	886	866
800	795	830	976	956
900	895	930	1076	1056
1000	995	1030	1176	1156
1200	1195	1240	1376	-
1400	1395	1450	1576	-

Installation instruction

1. Clean the pipe surface to be encased in concrete with a piece of cloth or similar.
2. Slide the wallcollar on, until it reaches the centre of the concrete or the wall.
3. Attach the fastening straps:
For wallcollars up to Ø315: Fit one band on either side of the flange
For wallcollars above Ø355: Fit one band on either side of the flanges and one in between.
4. Put the fastening strap around the wallcollar and insert the end of the strap into the slot of the turnbuckle.
5. Use screw driver or hexagon wrench to turn the turnbuckle to the right and then slightly press the locking device until the component fits tightly.
6. To release the fastening strap, turn the turnbuckle a bit further more in tightening direction. This allows the locking device to be lifted and then the bolt can be turned in the other direction to loosen the fastening strap.

Certificates

Ø355 and larger



Certificate ISO 9001:2015

This certification documents the producers conformity of the quality management system.

AEO-certificates

Authorized Economic Operator "AEO (customs simplification)"

WalloX Wall Collar/Wall Sealing Ring

- MFPA Leipzig; pressure-tight when installed: WalloX Wall Collar
- MFPA Leipzig; pressure tightness in the installed condition against non-pressing water: WalloX Wall Sealing Ring
- WalloX Wall Collar: Audit report Dr. Joachim Kemski

Ø32 up to Ø315



Technical modifications reserved