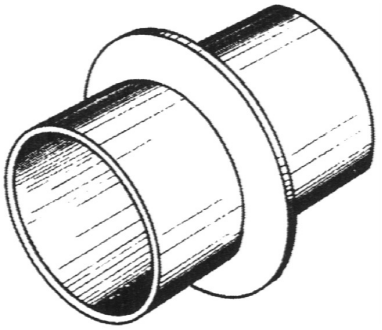
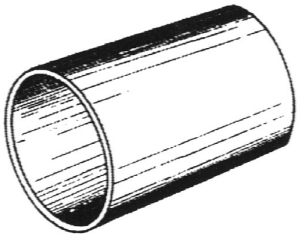
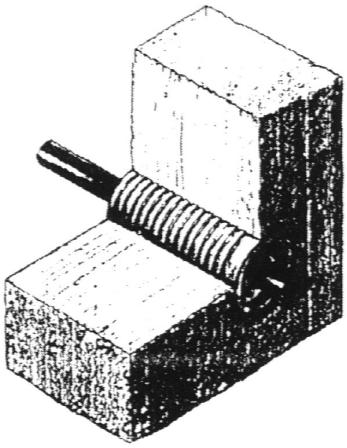
SLEEVES FOR FIXING IN WALLS



Sleeve with anchor collar



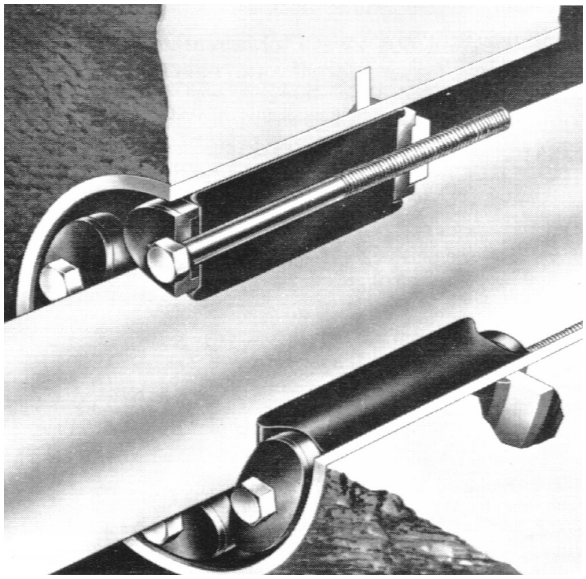
Sleeve in stainless steel



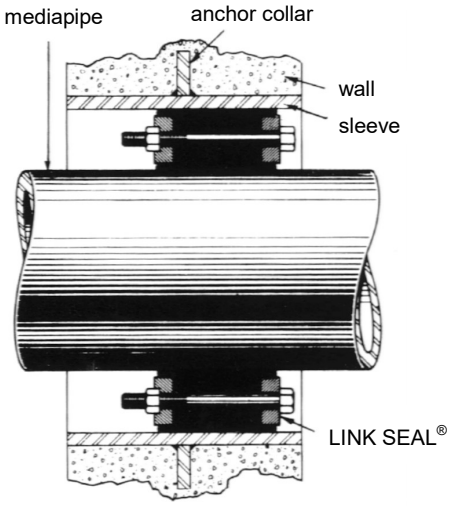
Sleeve in fibre cement

The use of ORIGINAL LINK SEAL® tightenings represent the most economical and safest method to sealing with sleeves of steel, plastic, cast iron, concrete ect. through walls, floors and celling.

Everywhere, where the ORIGINAL LINK SEAL® tightenings is used as sealing between mediapipe and wall, is also needed a diamond drilled hole, sleeve or another round core.



Dimensions on sleeves are fitted the actuel pipedimension and LINK SEAL®.



The sleeves are produced of welded or seamless pipes, or rolled plates. Material of steel or stainless steel. Surface of painted or hot-dip galvanized.

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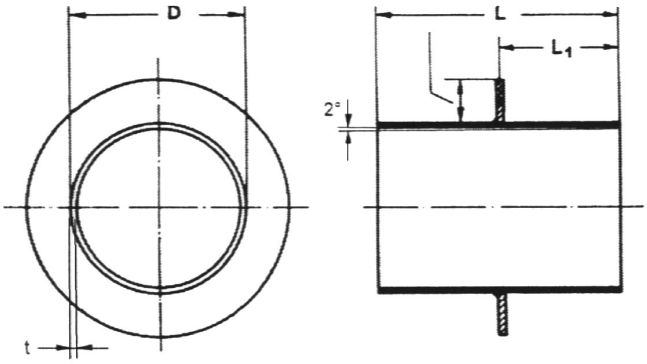
Dimensions for steel sleeves



Please state following be order :

D - outside diameter on sleeve
t - thickness of sleeve
L - length of sleeve
L1 - position of anchor

Ordering example:

D = 168,3 x t = 4,5 x L = 300 x L1 = 150 mm

- calculated for mediapipe with a outside diameter on 60,3 mm and LINK-SEAL-475-A4

The most ordinary dimensions is in the table below.

Special designs with more than one anchor, another position of anchor, different material of surface upon request.

Sleeve with anchor			
D	**t**	**L**	**L_1**
88,9	2,9	300	150
114,3	3,2	300	150
139,7	3,6	300	150
168,3	4,0	300	150
219,1	2,0	300	150
273,0	2,0	300	150
323,9	2,0	300	150
355,6	2,0	300	150
406,4	3,0	300	150
457,0	3,0	300	150
508,0	4,0	300	150

Sleeve in stainless steel		
D	**t**	**L**
75	1	300
85	1	300
110	1,5	300
129	2,0	300
150	2,0	300
158	2,0	300
185	2,0	300
230	2,0	300
255	2,0	300
290	3,0	300
355	3,0	300
380	3,0	300
410	3,0	300
430	3,0	300
506	3,0	300

Other dimensions upon request.

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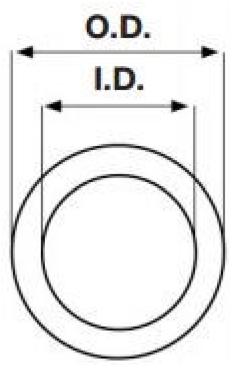
Dimensions for fibre cement sleeves

An economic and secure method to seal hydrostatically
Asbestos-free fibre cement wall sleeves are - in connection to LINK SEAL® or Compakt Seals - the right accessory to form a perfect hole, whenever, steel, cast iron, copper or plastic pipes pass through walls, ceilings and floors.

Materials
Asbestos-free fibre cement, consisting of cement and glass fibre, colour light grey. **Material class A1 according to DIN EN 13501-1.**

Stability/characteristics
Corrosion resistant, leak-proof against pressure water, electrically insulating, non-flammable, high stability, good compound with concrete, able to be coated, outer creasing circular, not helical, smooth inner walls, split version for subsequent assembly, avaiable in all lengths from **ND 80-800 sizes uo to max. 1200 mm.**



Wall sleeves can be either be set in concrete, walled in or built in a wall penetration with plaster, leak-proof.
Creasing on the outside offers a water-proof compound with the building. For usage in a concrete pool or container, the wall sleeve can be backed with a coating of the concrete construction. Function and compound of the wall sleeve with the concrete is certified by **MFPA-Leipzig and accredited up to 5 bar.**

In connection with LINK SEAL® or Compakt Seals, an absolute pressure water leak-proof sealing occurs in the annular space between the fibre cement sleeve and the casing pipe.

Technical dimensions			
Sizes	ID (in mm)		OD (in mm)
	Nominal size	Tolerance	
80	80	+2/-1	120
100	100	+2/-1	140
125	125	+2/-1	165
150	150	+2/-1	190
200	200	+2/-1	250
250	250	+2/-1	300
300	300	+2/-1	350
350	350	+2/-1	400
400	400	+2/-1	460
450	450	+2/-1	510
500	500	+2/-1	570
600	600	+3/-2	670
700	700	+3/-2	780
800	800	+3/-2	880

Other dimensions upon request


MFPA Leipzig GmbH
Recognised Test Office for Construction Materials, Construction Parts and Construction Methods
Testing, Monitoring and Certification (PÜZ) Office acc. to the State Building Code (SAC 02), Building Products Act (NB 0800)
Test laboratory accredited by DAP GmbH acc. to DIN EN ISO/IEC 17025. The accreditation only applies to the test methods listed in the certificate.
DAP-PL-4077.00
MFPA

Business division V – Civil and underground engineering
Head of the business division: Prof. Dr.-Ing. Olaf Selle
Working group 5.1 – Structural Sealing

Investigation Report
UB 5.1/08-135
dated 28/07/2008 1st of 3 copies

Object: *PSI FZ Wall Sleeve -* Testing Waterproof Sealing When Installed
Client: PSI Products GmbH, Ulrichstraße 25, 72116 Mössingen
Receipt of specimens: 21/05/2008
Specimen receipt number: 606
Testing period: May to July 2008
Officer in charge: Dipl.-Ing. Jüling

This investigation report consists of 3 pages and one annex.
-This translation of the original German version not checked by MFPA Leipzig-

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