

PSI PENETRATION SYSTEM MULTICABLE

PRESSURE-TIGHT UP TO 1 BAR

**MULTIPLE BUILDING WALL PENETRATIONS
FOR PIPES AND CABLES**

**EASY HANDLING AND QUICK INSTALLATION
ALSO POSSIBLE RETROSPECTIVELY**

HIGH QUALITY DESIGN

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GENERAL INFORMATION

The configuration of the lead-throughs of carrier pipes/cables with an outer diameter from 4 to 32; 40; 50 mm, can be chosen freely. The sealing is pressure tight up to 1 bar. The system is divided and there-

fore suitable for retrofitting. For each opening we deliver blind plugs which can be taken out when inserting the pipe/cable so that unused openings can be sealed pressure-tight with a blind plug.

Therefore it is also possible to install other pipes and cables later. For the installation you do not need any special tools beside a torque wrench.



Overview table Multicable flex (arbitrary)

Core drilled hole mm	Example number Cable/ Carrier pipe	Example number Cable / Carrier pipe OD in mm	Art. no.
50 (22 DG)	5	4	4-032-00006
	4	6	
70 (43 DG)	4	7	4-032-22340
	4	8	
80 (43 DG)	4	10	4-032-00001
	4	12	
100 (58 DG)	4	15	4-032-00002
	5	12	
125 (82 DG)	4	20	4-032-00003
	5	15	
150 (112 DG)	4	30	4-032-00004
	5	25	

DG= penetration size, Please ask for configuration options!



Multicable fix (configured)

Core drilled hole mm	Configuration Cable / Carrier pipe OD in mm	Art. no.
100	8; 2x10; 12; 14; 16; 18 mm	4-032-00012

Retrofitting:

Remove the divided pressure plates and cut the holes vertical, and diagonal to the circumference with a knife. Now you can insert the in-situ pipes/cables into the rubber seal. Fix the pressure plates on the rubber plate and finish the installation in the wall.



Technical data

Pressure plate: S304 (V2A) split
Pressure tightness: 1 bar
Rubber thickness: 1 x 40 mm
Rubber material: EPDM
Temperature range: -30 up to +120 °C
Shore: 43 ± 5

The values specified for the pressure tightness are valid at 23 °C. For different, in particular higher permanent operating temperatures, it might be necessary to fit an ejection safety device.

PSI COMPAKT SEALS SPECIAL DESIGNS

COMPAKT SEALS SPECIAL DESIGNS
ALSO WITH KTW/W270 FOR POTABLE
WATER



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GENERAL INFORMATION

Sealing with the system

The PSI Ring seal Kompakt special version is ideal for sealing wall penetrations for gas, water, sewage pipes and cables against pressing and non-pressing water.

Versions

The PSI Ring seal Kompakt special versions are special designs made at the customer's request. Here, almost all versions are possible: Oval pipes, square recesses, eccentric positioning, lead-throughs of several pipes or cables either as split/open or closed versions.

Material qualities

The rubber qualities available are EPDM standard, NBR for applications such as: Methane gas (biogas facilities), Viton and EPDM with KTW/W270** approval for potable water. For the pressure plates, S304 (V2A) stainless steel is used as the standard. If requested, however, S316 (V4A) stainless steel or coated pressure plates, for example epoxy resin, can be delivered.



	Special Kompakt models
Pressure plate material	upon request
Closed	Standard
Split/open version	Available
Pressure-tight	1.5 bar*
KTW/W270	upon request
Rubber thickness	Up to core drilled hole 800 mm - 40 mm From core drilled hole 800 mm - 2 x 40 mm
Rubber material quality	EPDM Standard Available upon request: EPDM with KTW/W270**, Viton, NBR
Temperature range	EPDM -30 °C up to +120 °C NBR -30 °C up to 70 °C Viton -20 °C up to +200 °C
UV-resistance	EPDM good NBR poor Viton good
Shore hardness A	EPDM Standard 50 ± 5° NBR 50 ± 5° EPDM with KTW/W270 50 ± 5° Viton 55 ± 5°
Core drilled hole min/max	30 - 3000 mm

* The values specified for the pressure tightness are valid at 23 °C.
For other in particular higher permanent operating temperatures, an ejection safety device should be fitted if necessary. This also applies to annular spaces ≥100 mm.

** Elastomer tested in accordance with KTW and W 270 for potable water



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