

The sealing system that works anywhere.

Our new sealing system Wisecure Kompakt provides ideal sealing of wall penetrations made for all kind of pipes as well as for cables. Kompakt has been tested and approved for up to 5 bars water pressure.

The 40 mm wide annual rubber seal is compressed by means of two stainless steel pressure plates and enclosed stainless-steel bolts. When compressed, the rubber expands and firmly closes the gap between concrete and pipe- or cable sleeve.

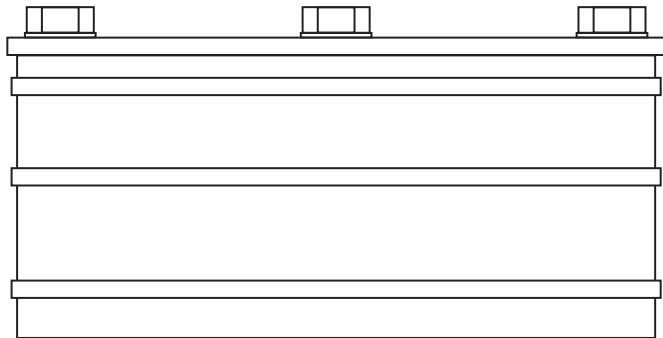
The comprehensive range of Kompakt seals is designed for universal use, covering all sectors within civil engineering and industrial applications.

Wisecure Kompakt range

The Kompakt seal can be used both on existing installations and when installing new systems.

In the Split version pressure plates are divided into semicircles which means the seal can be split in two and mounted around an existing pipe penetrating a wall.

When installing new pipes or cables we recommend the closed version.



VIBRATION & SOUND ABSORBING



FROM 4 MM & UPWARDS



TEMPERATURE RANGE



STRONG STAINLESS STEEL



FOR DRINK WATER USE



PRESSURE UP TO 1 BAR

MULTICABLE FLEX (ARBITRARY) TABULAR OVERVIEW

CORE DRILLED HOLE MM	EXAMPLE NUMBER CABLE/PIPE	O.D. EXAMPLE CABLE/PIPE IN MM	ART. NO.
50 (22 DG)	5	4	211-62XXXX
	4	6	211-62XXXX
80 (43 DG)	4	10	211-62XXXX
	4	12	211-62XXXX
100 (58 DG)	4	15	211-62XXXX
	5	12	211-62XXXX
125 (82 DG)	4	20	211-62XXXX
	5	15	211-62XXXX
150 (112 DG)	4	30	211-62XXXX
	5	25	211-62XXXX

The values specified for the pressure tightness are valid at 23°. For other, above all, higher permanent operating temperatures, an ejection safety device should, if required, be fitted.

* Elastomer tested in accordance with KTW and W270.

MULTICABLE FIX (PRE-SELECTED)

CORE DRILLED HOLE	SELECTED OUTER DIAMETER OF CABLE/PIPE IN MM	ART. NO.
100	8, 2X10, 12, 14, 16, 18 MM	211-62XXXX

Wisecure Kompakt Multicable

Multiple pipe and cable wall penetration seal. Easy handling and quick installation also possible for pipes and cables already installed

Pressure plates: V2A/S304 Split version

Pressure tight: 1 bar

Rubber thickness: 1x40 mm

Rubber material: EPDM

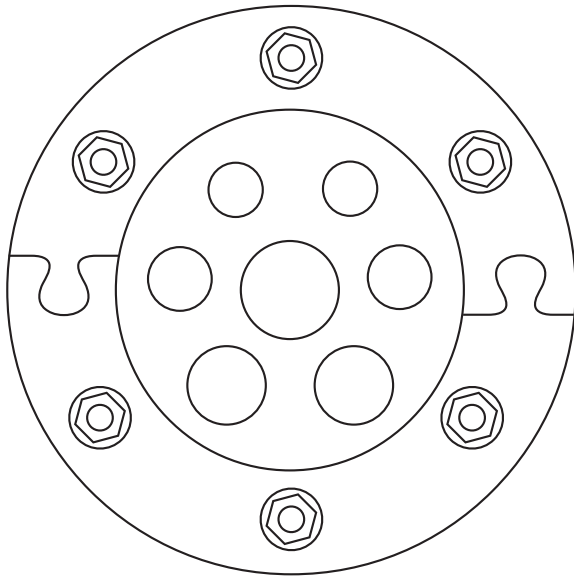
Temperature: -30° to +120°C

Shore: 43±5

Kompakt Multicable can be used for multiple pipes and cables from O.D. 4mm (0.16") to 32mm (1.26"). The sealing is pressure tight up to 14.5 PSI (1 bar). The system is divided and therefore suitable for installation with pipes and cables already installed.

The configuration of the lead throughs of pipes/cables with an outer diameter from 4 to 32. 40 or 50mm can be chosen freely. The sealing is pressure tight up to 1 bar. The system is split and therefore suitable for retrofitting. For each opening we deliver blind plugs which can be taken out when inserting the pipe/cable, so that unused openings remain sealed pressuretight with a blind plug. Therefore it is also possible to install other pipes and cables later. For the installation no special tools beside a torque wrench are required.

The 40mm (1.57") wide rubber element is pressed by means of two stainless steel discs. The KOMPAKT-ring seals the annular space between the carrier and the casing pipe or the core drilled hole against water, gas or other media.



Mounting instructions Kompakt

1. Each Kompakt seal consists of a rubber element, two pressure plates and several bolts, depending on seal size. Verify that the hole and pipe/cable dimensions are as per the specified model of Kompakt seal used.

2. Clean the inside of the core drilled hole from debris and remove any sharp edges. Clean the pipe jacket or cable sleeve. We recommend coating core drilled holes with KB epoxy resin in order to protect the concrete and smoothen out any cavities or grooves.

3a. If you are installing a Kompakt closed version thread the Kompakt seal over the casing pipe/cable all the way into the core drilled hole until the seal pressure plate is flush with the wall.

3b. If you have a Kompakt Split version unscrew the nuts on one of the semicircle pressure plates and remove the two plates on the back and front. With a sharp knife, make one single clean cut through the rubber element from front to back.

4. Tread the rubber element around the pipe/cable and mount the two semicircle pressure plates back. Push the seal into the core drilled hole until it's flush with the wall surface.

5. Always take care to ensure that the sealing is inserted with the nuts towards the inside of the building. In this way, nuts will be accessible for subsequent tightening.

6. Tighten first nut one turn clockwise. Then tighten the nut diagonally to the first one, on the opposite side. Continue in this way until maximum torque has been applied on all nuts. After two hours check the torque and if necessary, re-tighten.

Important notes:

- The Kompakt seal is not a pipe support or anchor. All pipes and cables must have proper support and fixations inside and outside the wall.
- Must be centred inside the core drill hole.
- When installed around thin plastic pipes a torque wrench must be used to avoid damages on the pipe jacket.
- Use wrench extender when installing in thick walls.

BOLT TYPE	MAX. TORQUE MOMENT
M6	5 NM
M8	10 NM
M10	15 NM
M12	20 NM

