Always. Reliable. Tight.

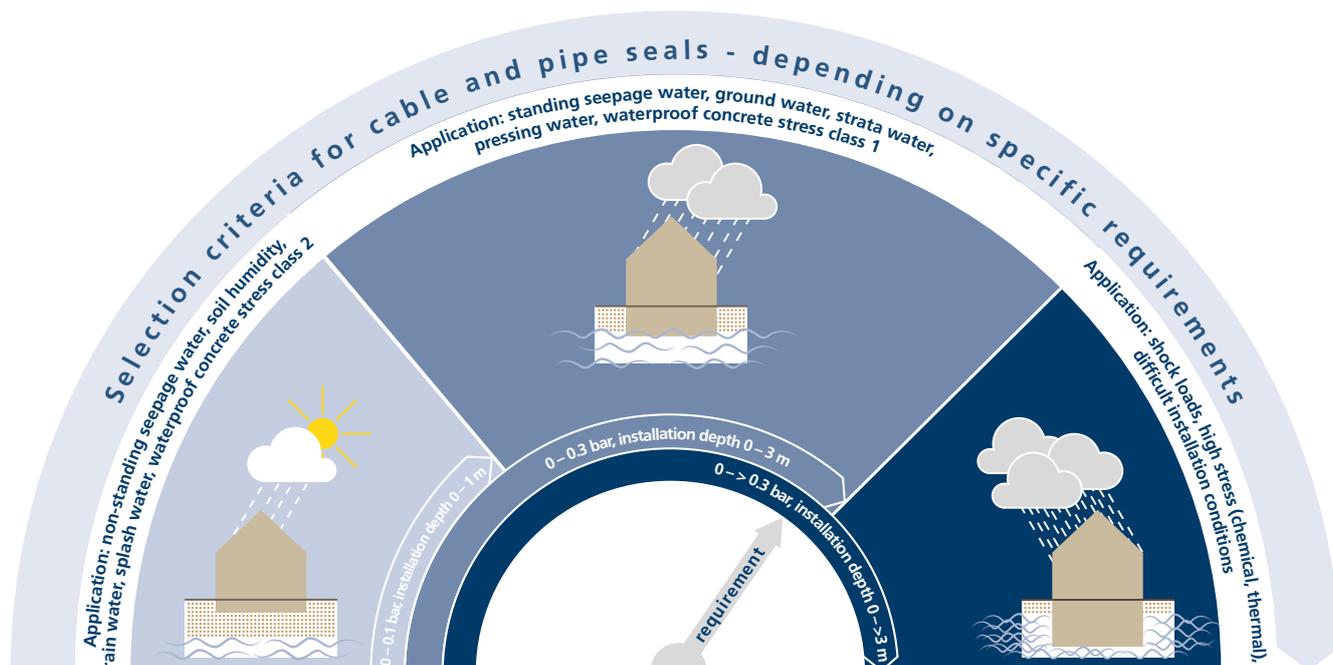hauff
technik®

Press seals for cables
The right solution for any stress class.

Press seals for cables
High-quality, round & pressure-tight

It is only possible to speak of our press seals from Hauff-Technik here. The heart of the product consists of 30 mm – 60 mm wide EPDM Elastomer. This not only ensures a reliable seal, but permanent resistance of the seal as well. The system is rounded off by glass fibre-reinforced polyamide or stainless steel pressure plate as well as screws and nuts made from V2A (AISI 304L) or V4A (AISI 316L). These make the product not just corrosion resistant, but acid-resistant, too.

Application tachometer in accordance with water-impermeable concrete guideline

There are currently four different press seals for cables product lines – HRK-SSG, HRD-SG, HRD-SGi and HRD individual. These meet different stress classes as stipulated in the water-impermeable concrete guideline. The application tachometer clearly shows which product line can be used for which application requirements. All product lines are suitable for use in stress class1 and 2. The decision for a product depends on the underlying core drilling/wall sleeve diameter and cable diameters. If the application requirements exceed stress class 1, individual press seal HRD offers the optimum solution. It can also withstand special requirements such as shock loads, special stresses (chemical, thermal) and can be used in difficult installation situations.

Product group	Sealing width
HRK-SSG - standard press seal with super segmented ring technology	40 mm
HRD-SG - standard press seal with segmented ring technology	40 mm
HRD-SGi - individual press seal with segmented ring technology	40 mm
HRD - individual press seal	30 mm
HRD - individual press seal	60 mm

Press seals for cables

HRK-SSG – standard press seal with super segmented ring technology

e.g. HRK 100-SSG-4/8-30

Split universal seal with super segmented ring technology.
HRK-SSG is a press seal that offers outstanding value for money, ease of installation and versatility. The super segmented ring technology with marked segment rings makes it extremely simple to adapt the press seal to the cable configuration and subsequently install it on-site. Just two variants are enough to cover the majority of standard applications for 100 mm core drillings/wall sleeves. Thanks to its flexibility and low price, the HRK-SSG is perfect for keeping in stock.

Features and technical data:

- the seal can be adapted to the cable diameter by means of marked segment rings and can be subsequently installed on-site
- adapted to standard applications for core drillings/wall sleeves with 100 and 150 mm Ø
- blind plugs for unused openings included in scope of delivery (except for HRK 150 - SSG- 1/36-70 and 1/70-112)
- sealing width 40 mm
- EPDM sealing material
- extremely robust plastic press plates made from polyamide 6.6 with 35% glass fibre
- suitable for standing seepage water
- suitable for waterproof concrete, stress class 1

Core drilling/wall sleeve ID (mm)	Number cable configuration	Application range cable-Ø (mm)	Article code
100	1	18 – 65	HRK 100 - SSG - 1/18-65
100	4	8 – 30	HRK 100 - SSG - 4/8-30
150	1	36 – 70	HRK 150 - SSG - 1/36-70
150	1	70 – 112	HRK 150 - SSG - 1/70-112
150	3	24 – 54	HRK 150 - SSG - 3/24-54
150	6	10 – 36	HRK 150 - SSG - 6/10-36
200	1	110 – 162	HRK 200-SSG-1/110-162
200	3	40 – 72	HRK 200-SSG-3/40-72

Press seals for cables
HRD-SG – standard press seal with segmented ring technology

e.g. HRD 100-SG-4/8-30

Split universal seal with segmented ring technology.
HRD-SG in EPDM with V2A (AISI 304L) is the optimum solution for sealing cables in core drillings or wall sleeves with Ø 80 mm, 100 mm, 104 mm, 125 mm, 150 mm and 200 mm. Thanks to the split design, it can be used flexibly in new installations or can be subsequently installed. The adjustment to the cables diameter can be done quickly and easily by pulling out the segment rings on-site.

Features and technical data:

- individual adaptation to cable configuration on-site
- for core drilling/wall sleeves diameter between 80 und 200 mm
- segmented ring technology, no loose parts
- sealing width 40 mm
- split design for subsequent installation
- EPDM sealing material
- all metal parts stainless steel V2A (AISI 304L)
- robust 5 mm thick press plates
- blind plugs for unused openings included in scope of delivery
  (except for HRD 150-SG-1/12-75 and HRD 150-SG-1/75-110)
- suitable for standing seepage water, waterproof concrete, stress class 1

Core drilling/wall sleeve ID (mm)	Number cable configuration	Application range cable-Ø (mm)	Article code
80	1	6 – 41	HRD 80-SG-1/6-41
100	1	24 – 52	HRD 100-SG-1/24-52
	4	8 – 30	HRD 100-SG-4/8-30
	5		HRD 100-SG-2/8-30-3/4-16,5
	of which 2	8 – 30	
	of which 3	4 – 16,5	
	8	4 – 16,5	HRD 100-SG-8/4-16,5
104	1	24 – 52	HRD 104-SG-1/24-52
	4	8 – 30	HRD 104-SG-4/8-30
125	3	10 – 40	HRD 125-SG-3/10-40
	6	6 – 31	HRD 125-SG-6/6-31
	10	4 – 16,5	HRD 125-SG-10/4-16,5
150	1	12 – 75	HRD 150-SG-1/12-75
	1	75 – 110	HRD 150-SG-1/75-110
	3	22 – 54	HRD 150-SG-3/22-54
	6	8 – 35	HRD 150-SG-6/8-35
	9	6 – 25	HRD 150-SG-9/6-25
	10		HRD 150-SG-4/8-30-6/4-16,5
	of which 4	8 – 30	
	of which 6	4 – 16,5	
200	7		HRD 200-SG-3/6-54-4/6-26
	of which 3	6 – 54	
	of which 4	6 – 26	
	15		HRD 200-SG-7/10-32-8/3,5-16,5
	of which	10 – 32	
	of which 8	3,5 – 16,5	

Press seals for cables
HRD-SGi - individual press seal with segmented ring technology

e.g. HRD 163-SGi-8/6-18

Split individual seal with segmented ring technology.
HRD-SGi is ideally suitable for constantly recurring, customised applications. Here, we develop seals according to the requirements in segmented ring technology with the greatest possible flexibility on-site.
The customer himself can define the application ranges of the implementation. Thus it might be possible to replace different custom-made seals by a HRD-SGi which is as well individual and standardised. This facilitates warehousing and supply to the building site and additionally reduces costs as well. The minimum purchasing quantity is 25 pieces.

Features and technical data:

- individually manufactured seal with segmented ring technology
- diameter seal can be adapted to the cable diameter by the segmented ring technology and subsequently installed on-site
- available in outer diameters 50 - 200 mm
- blind plugs for unused openings included in scope of delivery
- sealing width 40 mm
- EPDM sealing material (optional NBR)
- dimensionally stable 5 mm thick press plates made from V2A (AISI 304L) (optional V4A (AISI 316L))
- suitable for standing seepage water, waterproof concrete, stress class 1

Requirement example:

A manufacturer of sewage plants always lays the following pipes and cables through a wall sleeve with 150 mm:

Pipe: 1 x 50 mm or 1 x 63 mm or 1 x 75 mm
Cable: 1 x 7 mm, 1 x 12 mm, 1 x 16 mm, 1 x 24 mm (or 29 mm)

Solution:
HRD 150-SGi-1/50-75+3/6-20 mm+1/20-30mm

Press seals for cables
HRD - individual press seal

e.g. HRD 200-2G-4x
x: according to customer drawing

Individual press seal manufactured to your requirements to the exact millimetre.
The individual HRD in EPDM with V2A (AISI 304L) or V4A (AISI 316L) is the optimum solution for unusual diameters and shapes as well as for difficult installation situations. Elliptic, angular, eccentric or with covering flange – with the individual HRD the possibilities are endless. Furthermore, it also offers you a reliable seal wherever shock loads, special stresses or difficult installation situations arise. It is used wherever HRK-SSG, HRD-SG and HRD-SGi reach their limits or for a single application. The individual HRD is also available in NBR or KTW on request.

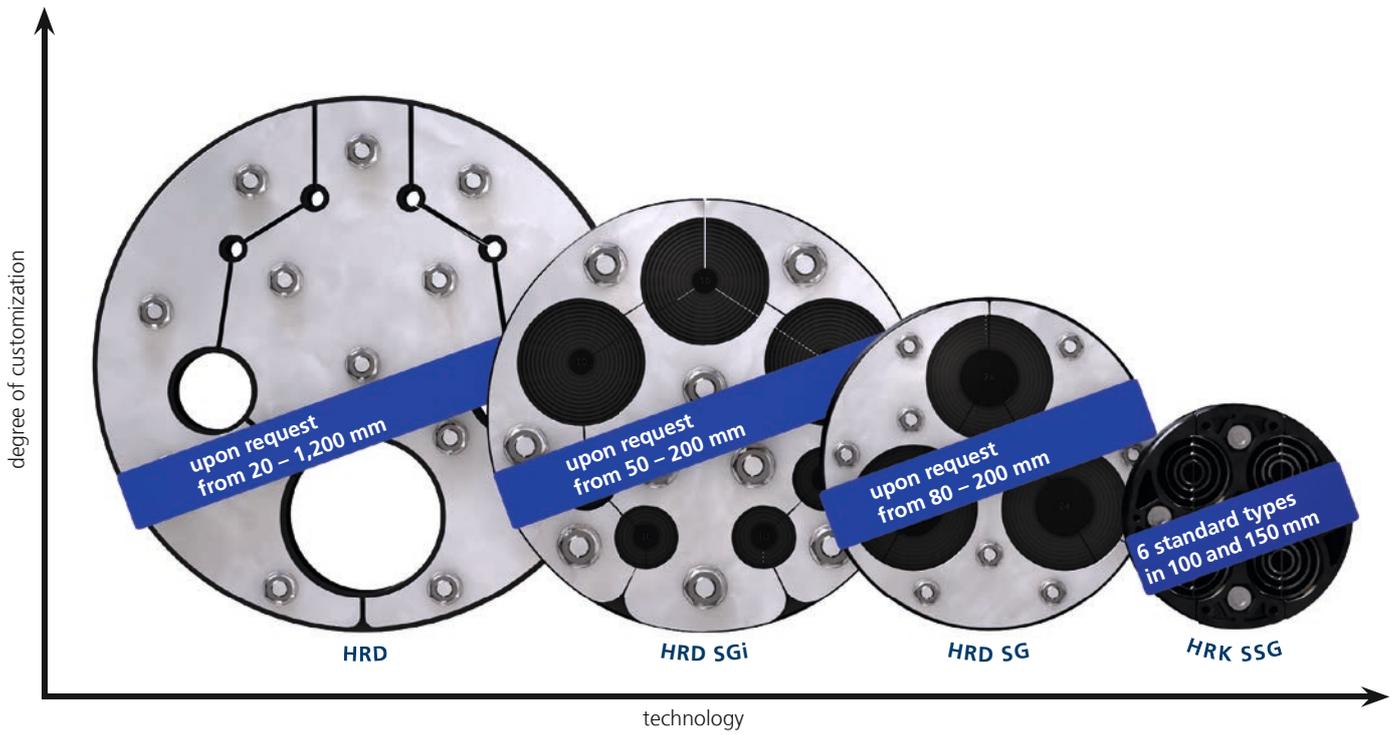## Features and technical data:

- individual production
- individually manufactured dimensions – outer diameter as well as inner diameter
- accurate to the millimetre – manufactured to the exact cable diameter required
- available in sealing width 30 mm, suitable for standing seepage water
- available in sealing width 60 mm, suitable for shock loads, special stresses (chemical, thermal) and difficult installation situations
- EPDM, NBR, silicone or with KTW approval sealing material
- press plates stainless steel V2A (AISI 304L) or V4A (AISI 316L)
- available with covering flange as an option
- absolutely gas- and watertight, also suitable for special requirements

HRD (D)-2G(F)-z/d-ex	
HRD	system designation
(D)	measured inner diameter of wall sleeve/core drilling
1	sealing width 30 mm
2	sealing width 60 mm
G	split design
F	covering flange
z	number of entries
d	measured outer diameter of the cable
ex	eccentric (shortest distance at least 20 mm)

Comparativeness of customization and technology
Our press seals – the comparison

degree of customization →

upon request
from 20 – 1,200 mm

upon request
from 50 – 200 mm

upon request
from 80 – 200 mm

6 standard types
in 100 and 150 mm

HRD   HRD SGi   HRD SG   HRK SSG

technology

CABLE.PIPE.BUILDINGENTRY.ALWAYS.RELIABLE.ALWAYS.TIGHT.CABLE.PIPE.BUILDING
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