

Always. Reliable. Tight.



# WALL PENETRATION SEALING SYSTEMS

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Your Partners in Power

### **COMPANY OVERVIEWS**

### **ABOUT HAUFF TECHNIK**



Electricity, telecommunication, water, waste water, gas – whenever a perfectly safe sealing of building entries is required, Hauff-Technik offers the best possible solution. Innovative cable and pipe entries, building entries and trenchless house connections of professional quality. Everything from a single source.

Off the shelf or customised products. For highest efficiency, user-friendliness and longevity in all buildings. From single-family homes to complex major projects.

Always Hauff. Always reliable. Always tight.

For more detailed product information see https://www.hauff-technik.de/en/ or contact TransNet.

### TRANSNET COMPANY OVERVIEW

TransNet is one of the largest suppliers to the Electrical Distribution, Transmission, Rail, OEM and Wholesale industry, offering an extensive and ever expanding range of products. We have the expertise and knowledge to assist with equipment specification as well as hands on service and support in the field.

We have a switchgear workshop, an R&D workshop, HV test lab and a Raychem kitting room on site in our Auckland Head Office and we are well equipped to offer training and support for all our products.











At TransNet we pride ourselves on the ability to react quickly to any situation and have product to you whenever and wherever you need it.

### THE PROBLEMS TODAY



### THE SOLUTIONS



SEE INSIDE HOW TO ACHIEVE WATER & GAS TIGHT PENETRATIONS

Some images taken before protective membrane added.

### **UNIVERSAL WALL SLEEVES FOR ALL WALL TYPES – UFR**

Integrated patch flange for the processing of plastic-modified bitumen thick coatings. Facilitates sealing in all types of wall through a combination of integrated patch flange and 3-ribbed seal.

### **FEATURES & TECHNICAL DATA**

- Waterproof concrete load class 1, load class 2
- DIN 18533 W1.1-E, W1.2-E, W2.1-E
- With integrated patch flange for the processing of plastic-modified bitumen thick coatings
- Can be used in all types of wall including element constructions
- Break-resistant, inherently stable
- For installation flush with the formwork
- Closed ready for installation

### **MATERIALS**

- Pipe: PVC-U
- Integrated patch flange: ABS
- 3-ribbed seals: EPDM
- Closing cover: PE

### **TIGHTNESS**

- Gastight
- Watertight







concreted UFR with PMBC



UFR in formwork





ltem	Article code	Article number	Packing unit	Length (mm)	Wall sleeve ID, D1 (mm)	Wall sleeve OD, D2 (mm)	Patch flange OD, D4 (mm)	Patch flange OD D3 (mm)	Figure
	UFR	2800210200	1	200	100	110	210	227	
	100/200	2800210201	5	200					
	UFR 100/240	2800210242	1	240					
		2800210241	5	240					
	UFR	2800210252	1	250					
	100/250	2800210251	5						
Universal	UFR	2800210302	1	300					
wall sleeve 100	100/300	2800210301	5						
	UFR 100/365	2800210303	1	365					
		2800210304	1						
	UFR 100/400	2800210402	1	400					
		2800210401	5						
	UFR 100/500	2800210500	1	500					
		2800210502	5						
	UFR 150/200	2800215200	1	200	150	162	260	282	
		2800215201	5						
	UFR 150/240	2800215242	1	240					
		2800215241	5						
	UFR	2800215252	1	- 250					
	150/250	2800215251	5						
Universal wall sleeve 150	UFR 150/300	2800215302	1	300					
		2800215301	5						
	UFR 150/365	2800215303	1	365					
		2800215304	5						
	UFR 150/400	2800215402	1	400					
		2800215401	5						
	UFR 150/500	2800215500	1	500					
		2800215505	5						

Customised lengths available.

Item	Article code	Article number	Packing unit	Length (mm)	Wall sleeve ID, D1 (mm)	Wall sleeve OD, D2 (mm)	Patch flange OD, D4 (mm)	Patch flange OD D3 (mm)	Figure
	UFR	2800220202	1	200	200	214	311	336	
	200/200	2800220201	5						
	UFR 200/240	2800220242	1	240					
		2800220241	5						
	UFR	2800220252	1	250					
	200/250	2800220251	5						
Universal	UFR	2800220302	1	300					
wall sleeve 200	200/300	2800220301	5						
	UFR 200/365	2800220303	1	365					
		2800220304	5						
	UFR 200/400	2800220402	1						
		2800220401	5						
	UFR 200/500	2800220502	1	500					
		2800220501	5						
Universal wall sleeve 250	UFR 250/200	2800250200	1	200	250	264	384	416	
	UFR 250/240	2800250240		240					
	UFR 250/250	2800250250		250					
	UFR 250/300	2800250300		300					
	UFR 250/365	2800250365		365					
	UFR 250/400	2800250400		400					
	UFR 250/500	2800250500		500					

Customised lengths available.



UFR – UNIVERSAL WALL SLEEVE									
Item	Article code	Article number	Packing unit	Length (mm)	Wall sleeve ID, D1 (mm)	Wall sleeve OD, D2 (mm)	Patch flange OD, D4 (mm)	Patch flange OD D3 (mm)	Figure
Universal wall sleeve 300	UFR 300/200	2800030200	1	200	300	316	436	472	
	UFR 300/240	2800030240		240					
	UFR 300/250	2800030250		250					
	UFR 300/300	2800030300		300					
	UFR 300/365	2800030365		365					
	UFR 300/400	2800030400		400					
	UFR 300/500	2800030500		500					

Customised lengths available.

### **CEMENT-COATED PIPE WITH SPECIAL COATING - ZVR**

Special coating creates a homogeneous bond with the concrete. For installation in waterproof concrete tank. Coating merges seamlessly with the concrete.

Available in diameters from 80mm–300mm, it is installed flush with the formwork and can also be installed in wall cut-outs. The break-resistant, inherently stable plastic wall sleeve with cement-bound special coating provides the basis for an optimum connection to the concrete. All press seals can be used for sealing cables or pipes.



**MATERIALS** 

**TIGHTNESS** 

Gastight

Watertight

Pipe: Unplasticised PVC-U

Closing cover: PE

### **FEATURES & TECHNICAL DATA**

- Waterproof concrete stress class 1, waterproof concrete stress class 2
- Lightweight
- Simple installation in the formwork
- · Can be cut to length on site
- 2 closing covers
- Break-resistant, inherently stable
- For all types of waterproof concrete wall including element construction
- Sealed ready for installation

special cement-bound coating



ZVR 200/300 fixed in formwork



ZVR 150 and ZVR 200 set in concrete next to HSI 150



STANDARD WALL SLEEVE ZVR									
Wall sleeve ID (mm)	Wall sleeve OD (mm)	Article code	Article number	Figure					
80	95	ZVR 80/X	1200080XXX *						
100	115	ZVR 100/X	1200100XXX *						
125	142	ZVR 125/X	1200125XXX *						
150	167	ZVR 150/X	1200150XXX *						
200	219	ZVR 200/X	1200200XXX *						
250	269	ZVR 250/X	1200250XXX *						
300	321	ZVR 300/X	1200300XXX *						

X = wall thickness (mm)

5tanaara 1611gansi 200, 2 10, 200, 500, 500, 100, 500 11111

From a length of > 600 mm the cement-coated pipe has a 250 mm coating on each side.

<sup>\*</sup> The article numbers for the exact wall thicknesses can be found at: www.hauff-technik.de Standard lengths: 200, 240, 250, 300, 365, 400, 500 mm

## STANDARD PRESS SEAL WITH SUPER SEGMENTED RING TECHNOLOGY AND PLASTIC PRESS PLATE

For sealing cables in core drills or wall sleeves. Split design for sealing new cables to be installed or cables that have already been laid.

### **FEATURES & TECHNICAL DATA**

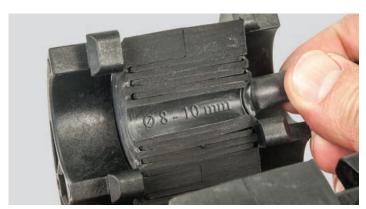
- · Gastight and watertight up to 2.5 bar
- Sealing width 40mm
- Split seal for retrofit installation
- Super segmented ring technology individual adjustment to the installed cable diameters on site
- · Segments with exact diameter marking
- · Form-fitting connections of the press plates
- EPDM rubber
- Screws and nuts made of stainless steel V4A (AISI 316L)
- Plastic pressure plates made of glass fibre reinforced polyamide
- Highly robust plastic press plate with reinforcement ribs







press plate with form-fitting connection



segments with exact diameter marking

#### HRK-SSG – STANDARD PRESS SEAL WITH SUPER SEGMENTED RING TECHNOLOGY Core drill Cable hole/wall **Number of Article** diameter OD Article code **Figure** sleeve ID cables number (mm) (mm) 100 18 - 65HRK 100-SSG-1/18-65 1600101610 1 (available as single unit or packaging unit 4 8 – 30 1600101600 HRK 100-SSG-4/8-30 = 9 x)36 - 70HRK 150-SSG-1/36-70 \* 1600101650 150 HRK 150-SSG-1/70-112 \* 70 - 1121 1600101660 (available as single unit or packaging unit 3 24 - 54HRK 150-SSG-3/24-54 1600101630 = 8 x) 10 – 36 6 HRK 150-SSG-6/10-36 1600101640 e.g. HRK 150-SSG-3/24-54 200 1 110 - 162HRK 200-SSG-1/110-162 \* 1600101670 (available as single unit and as 3 40 - 72HRK 200-SSG-3/40-72 1600101665 packaging unit = 8 x)

<sup>\*</sup> Without blind plugs



- Quick & easy to install
- Consistent result every time
- Retrofittable into existing penetrations
- Do it once, do it right





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