

**Always. Reliable. Tight.**

General product information

# CABLE ENTRIES

## CABLE SEALING SYSTEM HSI 90 / HSI 150

### MATERIALS USED:

#### Wall insert

Material: ABS (acrylonitrile-butadiene-styrene)

- forms high-quality and scratch-proof surfaces
- resistant to diluted chemicals
- high impact and breakage resistance
- good dimensional stability
- high stability

Seals between wall insert and concrete using 3-ribbed seals made from:

- TPE (thermoplastic elastomer) for HSI 150
- EPDM (ethylene propylene diene monomer rubber) for HSI 90

#### Extension pipes made from plastic (DIN 8061/8062)

Material: unplasticised PVC-U (polyvinyl chloride)

- manufactured from high-grade plastic
- high load capacity
- high chemical resistance

#### Closing cover

Material: ABS (acrylonitrile-butadiene-styrene)

Seal made from:

- TPE (thermoplastic elastomer) for HSI 150
- EPDM (ethylene propylene diene monomer rubber) for HSI 90

#### Blind cover/plate (knocking-out system)

Material: ABS (acrylonitrile-butadiene-styrene)

#### Lamellar plug

Material: PE (polyethylene)

#### Spacer

Material: ABS (acrylonitrile-butadiene-styrene)

#### Aluminium flange HSI 90

Material: Aluminium flange with a cathodic dip coating

- optimized protection against corrosion
- flat seal made of chloroprene (CR)
- fastening elements for concrete walls made of stainless steel V4A (AISI 316L)

#### Plastic flange HSI 90

Material: Plastic flange made of glass fibre reinforced polyamide

- integrated spirit level
- flat seal made of EPDM
- fastening elements for concrete walls made of stainless steel V4A (AISI 316L)

#### System cover

Material: PC (polycarbonate)

- high mechanical load
- high dimensional stability
- good resistance to weather conditions and UV light
- high impact and breakage resistance

#### Clamping nut

Material: PC/PBT alloy

- high mechanical load
- high dimensional stability
- good resistance to weather conditions and UV light
- high impact and breakage resistance
- secure locking screw connection preventing the nut from loosening by itself

#### O-ring

Material: NBR (acrylonitrile butadiene rubber)

- chemical resistance to oils, types of grease and all commercially available fuels
- good resistance to weather conditions and UV light
- temperature range: -40 °C to +80 °C

#### Slide ring

Material: PE (polyethylene)

- good sliding properties

#### Steel grider frame of the slanted wall insert

Material: St 37

#### Wedge for slanted wall insert

Material: polystyrene cellular plastics

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### MATERIALS USED:

#### Fixed/loose flange (for sealing according to DIN 18533, Part 1 (black tank))

Material: stainless steel V2A (AISI 304L) or V4A (AISI 316L)

#### Heat shrink sleeves

Material: PO (polyolefin)

- good resistance to weather conditions and UV light
- good chemical resistance to salts, acids, alkalis, many oils, types of grease and solvents
- resistant to diluted chemicals

#### Cold shrink sleeves

Material: EPDM (ethylene propylene diene monomer rubber)

- very good chemical resistance, resistant to almost all acids and alkaline solutions as well as salt water
- high thermal and mechanical strength
- good resistance to weather conditions and UV light

#### Finger sleeves, repair sleeves

Material: PO (polyolefin)

#### Centering tape

Material: EPDM (ethylene propylene diene monomer rubber)

#### Hot-melt tape Hatetherm Scapa 0485

Material: synthetic high polymer

#### Plug-in socket

Material: EPDM (ethylene propylene diene monomer rubber)

- HSI 150-D160-GSM: push-fit socket made of PVC-U

#### Rubber sleeve

Material: EPDM (ethylene propylene diene monomer rubber)

#### Tightening strap

Material: stainless steel

#### Clip rings

Material: stainless steel V2A (AISI 304L)

#### Pressure plates

Material: stainless steel V2A (AISI 304L) or V4A (AISI 316L)

(HRD 150/160-G(-WE)-z/d) respectively

Material: glass fiber reinforced PA (polyamid)

(HSI 150-DG, Segmento and blind plug)

#### Rubber seal

Material: EPDM (ethylene propylene diene monomer rubber)

#### Seal for Segmento

Material: special gel mixture (Technogel)

#### Adapter ring

Material: EPDM (ethylene propylene diene monomer rubber)

#### Press plate cover

Material: EPDM (ethylene propylene diene monomer rubber)

#### Screws, washers and nuts

Material: stainless steel V2A (AISI 304L) respectively V4A (AISI 316L)

#### Blind plugs

Material: ABS (acrylonitrile-butadiene-styrene) (HSI 150-DG) and PP (polypropylene) (Segmento)

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