

**Always. Reliable. Tight.**

General Product Information

# BUILDING ENTRIES

## MSH (-FW) BASIC/PROFESSIONAL, ESH BASIC

### MATERIALS USED:

#### Compression segments/press plates

Material: G-Al Si12 Mg die-cast aluminium

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

- high quality stainless steel, resistant to acid and corrosion

Material: PA66-GF35 glass-fibre reinforced plastic (MSH Basic/Professional and ESH Basic)

Material: PA6-GF30 glass-fibre reinforced plastic (MSH Basic)

#### Outer flange

Material: PA66-GF35 glass-fibre reinforced plastic (MSH Basic/Professional)

Material: stainless steel V2A (AISI 304L) (MSH-FW, ESH Basic)

#### Screws, nuts, and washers

Material: stainless steel V2A (AISI 304L)

#### Sealing elements, press seal, water barrier flanges

Material: EPDM (ethylene propylene diene rubber)

optionally available of NBR (acrylonitrile butadiene rubber)

- very good chemical resistance, resistant to almost all acids and alkalis as well as saltwater
- high thermal and mechanical stability
- temperature range: -40 °C to +140 °C (EPDM)

#### Jacket pipes made of plastic (acc. to DIN 8061/8062)

Material: plasticiser-free PVC-U (polyvinyl chloride)

- made of high quality plastic materials
- high durability
- high chemical resistance

Material: PA6-GF30 glass-fibre reinforced plastic

Sealing element: TPE thermoplastic elastomer

#### Basic inserts/wall sleeves

Material: ABS (acrylonitrile butadiene styrene)

- forms high-quality, scratch-proof surfaces
- excellent resistance to impacts and breakage
- good dimensional stability
- excellent robustness

Material: unplasticised PVC-U (polyvinyl chloride)

#### Installation fixtures

Material: steel ST37

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# BUILDING ENTRIES

## MIS (MEMBRANE INJECTION SYSTEM)

### MATERIALS USED:

**Flange, insert, thrust bearing, sleeve cap, equalising ring, wall rosette, membrane hose, rubber for tensioning**

Material: EPDM (ethylene propylene diene monomer rubber)

- excellent resistance to chemicals, resistant to almost all acids and bases as well as salt water
- high thermal and mechanical load capacity
- temperature range: -40°C to +140°C

**Wall rosette, resin filler hose, quick-clamp device**

Material: PE (polyethylene)

- good resistance to chemicals, resistant to almost all acids and bases as well as salt water
- good gliding properties
- physiologically harmless

**Pipe**

Material: plasticiser-free PVC-U (polyvinyl chloride)

- made from high-quality plastic material
- high load capacity
- excellent resistance to chemicals

**Grid sheet, quick-clamp device**

Material: PA 6.6 (polyamide)

- excellent robustness, rigidity and hardness
- excellent dimensional stability, even under effects of heat
- excellent abrasion resistance

**Quick-clamp device**

Material: ABS (acrylonitrile butadiene styrene)

- forms high-quality, scratch-proof surfaces
- excellent resistance to impacts and breakage
- good dimensional stability
- excellent robustness

Material: stainless steel 1.4307 (AISI 304L)

**Sealing tape**

Material: Butyl

- non-ageing, weather-proof, resistant to ozone and UV
- good resistance to chemicals, resistant to almost all bases
- as well as salt water, and to some acids

**Expansion resin**

Material: 2-component expansion resin, tested in acc. with VP601

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# BUILDING ENTRIES

## ZAPPO

### MATERIALS USED:

#### Compression segments/press plates

Material: G-Al Si12 Mg die-cast aluminium

Material: stainless steel V2A (AISI 304L)

- high quality stainless steel, resistant to acid and corrosion
- Material: PA66-GF35 glass-fibre reinforced plastic

#### Screws, nuts, and washers

Material: V2A (AISI 304L)

#### Sealing elements, press seal

Material: EPDM (ethylene propylene diene rubber)

optionally available of NBR (acrylonitrile butadiene rubber)

- very good chemical resistance, resistant to almost all acids and alkalis as well as saltwater
- high thermal and mechanical stability
- temperature range: -40 °C to +140 °C

#### Sponge rubber ring

Material: ZK/NBR (butadiene + acrylonitrile rubber)

#### Jacket pipes of plastic (acc. to DIN 8061/8062)

Material: plasticiser-free PVC-U (polyvinyl chloride)

- made of high quality plastic materials
- high durability
- high chemical resistance

#### Expansion resin

Material: 2-component expansion resin approved acc. to

VP 601

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