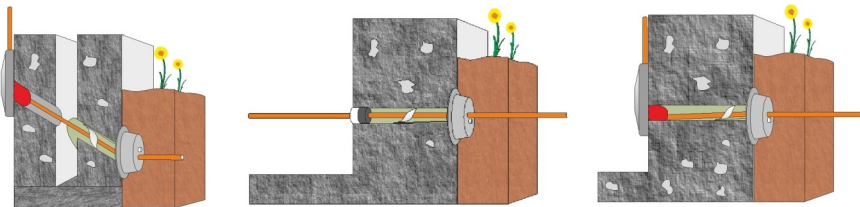


EUROLAN Microduct Accessories Sealing cap FTTH

Ordering information

Part number	E-number	Description
80219.3	5045412	Sealing cap FTTH + 90° entry 1x4-8MM



The Filoform MD1-FtTH is designed for gas and watertight sealing of FtTH home entries with micro ducts and cables.

The sealing cap can be applied to the wall by using the special anchoring pin. This way it is not necessary to drill additional holes and to secure the cap with screws.

A gas and watertight seal is created with use of Filoform expanding PU resin type 2235. After injecting the resin it will expand and fully cure into a strong and durable seal. Any irregularities or damage to wall will be restored with the resin.

To seal the duct opening on the inside of the house, we recommend the use of Filoform sealing paste or our FtTH entry cover with a 90° bend radius to allow safe and secure bending of micro ducts / cables and blowing of the fibre after installation.

Features

- Universal, suitable for micro ducts and cables Ø4-8mm.
- Expansion along the borehole and on the outer wall guarantees an excellent seal.
- Tested 2.0 bar Gas & Watertight.
- Quick installation in minutes, no special tools required.
- No extensive core drilling necessary.
- Also suitable for angled penetrations.
- Suitable for sealing holes in the most common wall types according to DIN 18533 and walls made from WU-Concrete, load class 1 and 2 (Watertight pressure 2,0 bar).
- Complies with DIN 18322 underground cable laying works: cable and conduit entries into buildings are to be made watertight and gastight.
- High mechanical strength, resists ground movement, shocks and vibrations.
- Supplied as one complete kit for sealing of one house connection.
- Over 30 years of practical experience, installed in many Telecom / FO network.

EUROLAN Microduct Accessories

Sealing cap FTTH

Set contents

- FttH entry 90° 1x4-8mm
- MD1-FttH cap
- Anchoring pin (small)
- 2K syringe 25ml - PU resin type 2235
- Static mixer
- Gloves
- Abrasive cloth

Dimensions cap

Outer diameter	Inner diameter	Hight
106 mm	72 mm	24 mm

Specifications expanding resin type 2235

Properties	Unit	Value
Start time expansion	seconds	20
End time expansion	minutes	2
Curing time	minutes	5

Specifications

Max cable or pipe Ø in the duct:	4-8 mm
Duct Ø (min-max):	16-20 mm
Ø bore hole:	16 mm

EUROLAN Microduct Accessories

Sealing cap FTTH

General

Properties	Unit	Value
Compressive strength	N / cm ²	> 60
Density	kg / m ³	> 50
Gas and water tightness 1,0 bar	30 days	no leakage
Gas and water tightness 2,0 bar	24 hours	no leakage
Temperature Cycles, -20°C tot +40°C	10 consecutive cycles	no leakage
Vibration test 10 Hz/amplitude 3mm	240 hours	no leakage
Axial tensile force	diameter x 10 N	no leakage
Pull out strenght FttH cable / microduct	N	> 400
Chemical resistance		
0,1N Na ₂ SO ₄	30 days	no degradation
0,1N NaCl	30 days	no degradation
0,1N H ₂ SO ₄	30 days	no degradation
0,1N NaOH	30 days	no degradation
Diesel	30 days	no degradation
Gasoline	30 days	no degradation
Resistance		
Molds		good
Rodents		good