Thames Water Approved
Welsh Water Approved
Severn Trent Approved
S/East Water Approved

Filoform duct sealing systems have been developed to provide an effective gas and watertight seal of underground cable penetrations.

When installing our duct sealing system FiloSeal+, you will protect valuables from damage which is caused by gas and water leaks.
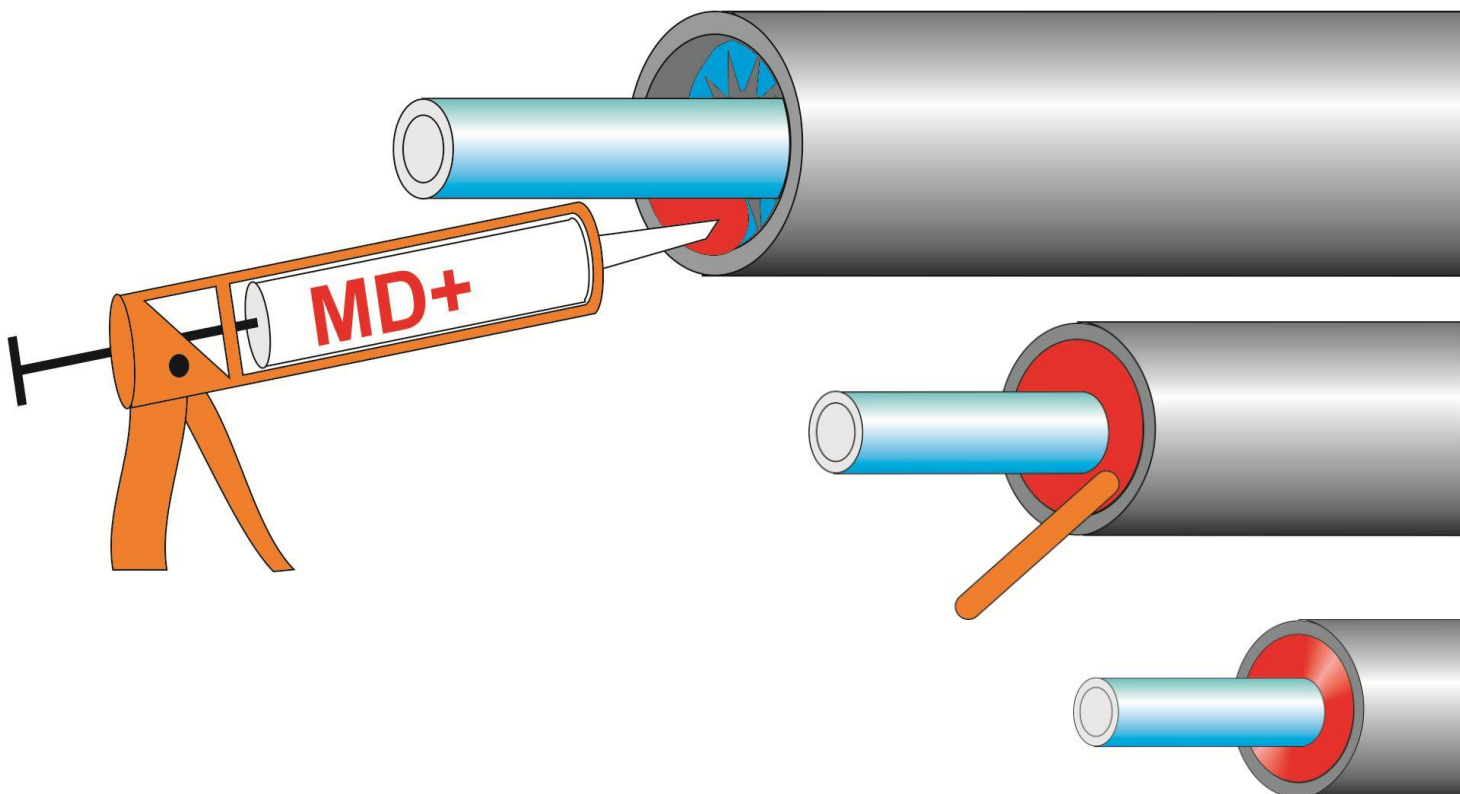
connect ▶ seal ▶ protect ▶

Duct sealing system FiloSeal+ is a universal solution for sealing cables and pipes in ducts or bore holes. The product seals against gas and water, but it also can be adapted to seal against Fire. Please contact our technical department for more information.
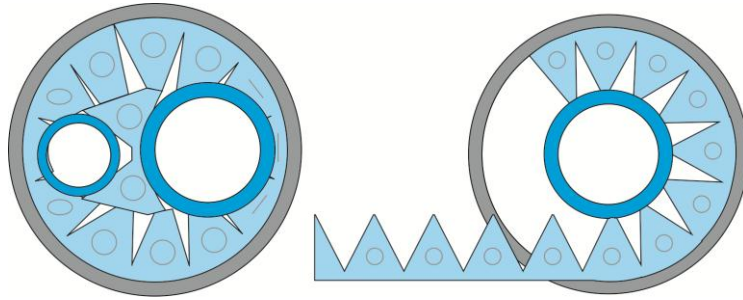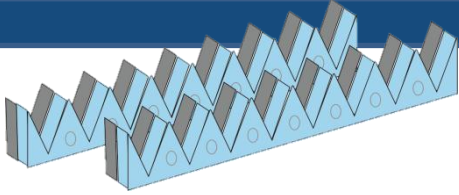
The Filoform duct sealing system FiloSeal+ uses our MD+ sealant which is easily applied from a skeleton gun. The high quality, one component, flexible sealant "MD+" is based on a silicon compound that cures with air (Humidity).

After application and full curing the thixotropic MD+ forms a plastic elastomer mass with special qualities effectively sealing and bonding, while providing a high level of durability.

FiloSeal+ is very easy to apply regardless of the type of cable scenario in the cable ducts as it uses a uniquely shaped foam piece which positions neatly around the cables or pipes in the duct.
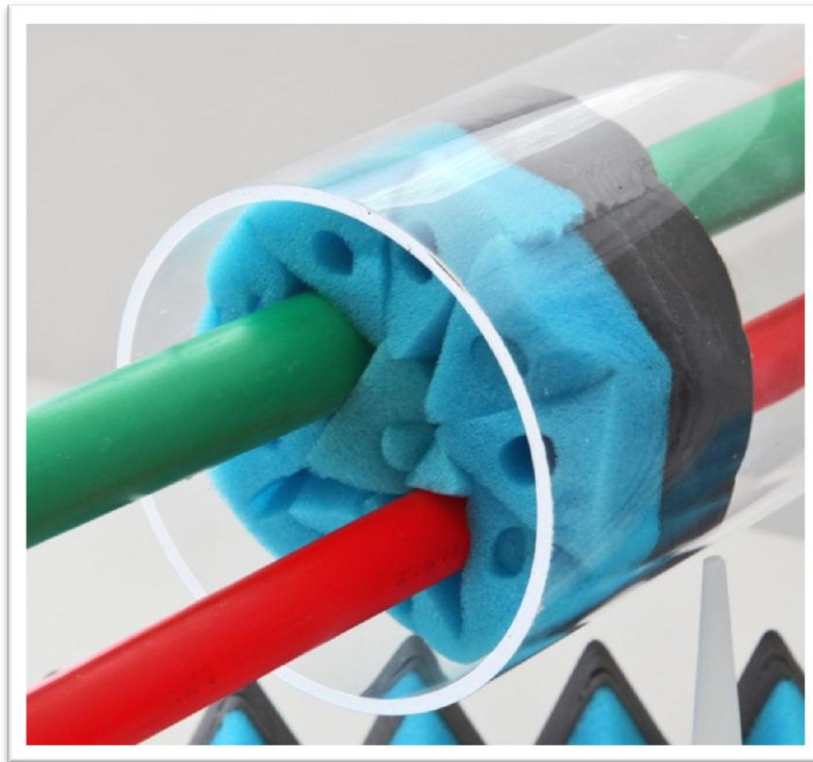
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The unique design of the tri-flexible foam makes positioning and separation of the cables very simple while also providing a backing for the MD+ to be applied on.

This seal is easily installed in vertical scenarios while providing the added security of insuring no loss of components down the duct.

FiloSeal+ is suitable for sealing several cables or pipes contained in one duct and also allows re-entry of the seal to add or remove cables or pipes as required.
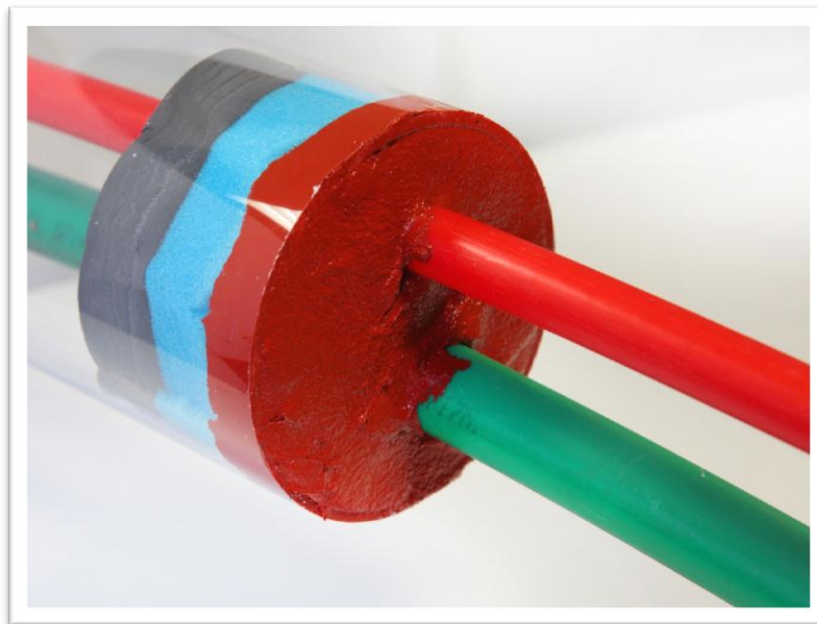
The MD + sealant seals on all common materials: PVC & PE sheathed cables, GPLK, HDPE pipes and PE water pipes.

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Product overview

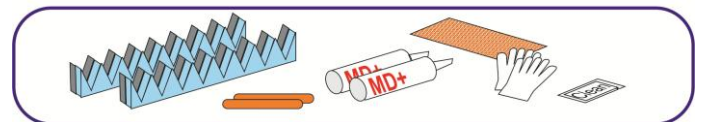| Part Number	Description	Maximum duct diameter (mm)	Maximum cable diameter in the duct (mm)
80201	FiloSeal+ 125mm	max. Ø 125	max. Ø 95
80202	FiloSeal+ 200mm	max. Ø 200	max. Ø 160

FiloSeal+   < 125mm   art.nr 80201 / part no 282580

- 1 x Tri-flexible foam (600mm)
- 1 x MD+ sealant 310ml
- 1 x Spatular
- Sand Paper
- Gloves
- Cleaning tissue

FiloSeal+   125mm - 200mm   art.nr 80202 / part no 282590

- 2 x Tri-flexible foam (600mm)
- 2 x MD+ sealant 310ml
- 2 x Spatular
- Sandpaper
- Gloves
- Cleaning tissue

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Specifications

Properties	Value	Standard
Gas and water tightness 1,0bar / 30 days	no leakage	
Density	1,2 gr/cm³	
Flow	< 2mm	ISO 7390
Colour	red-brown	
Skin over time (23C/55%RH)	± 15 minutes	
Curing	1,5mm / 24 hours	
Hardness	30 shore A	DIN 53505
Elongation	100%	DIN 53504
Tensile strength	0,8 N/mm²	DIN 53504
Operating temperature	+5°C tot +40°C	
Temperature resistance	-40°C tot +120°C	
Resistant against	water alkaline chemical agents oil and greases	
Resistant to	Hydrogen Sulphide Methane Other gases	NedLab

Instruction video

http://vimeo.com/39628395

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