



## Application

Duct sealing system FiloSeal + is a universal product for sealing cables and pipes in ducts or bore holes.

FiloSeal + not only seal against gas and water, but it also shows fire resistant properties when used in conjunction with our "MD" range of products.

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 cable or pipes in the duct. FiloSeal + uses our MD + sealant which is easily applied from a 310ml tube using a skeleton gun.

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.

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

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.

### Kit Contents FiloSeal+ Duct Size 95mm Ø 125mm

- 1 x MD+ tube (310 ml.)
- 1 x tri-flexible foam piece - 600mm long
- Sand Paper
- Spatular
- Protective gloves

### Kit Contents - FiloSeal+ Duct size 150mm Ø 200mm

- 2 x MD+ tubes (310 ml.)
- 2 x tri-flexible foam pieces - 600mm long
- Sand Paper
- Spatular
- Protective gloves

### Benefits

- Flexible, one-component, adhesive and sealing compound in a cartridge (310 ml.)
- Gastight and watertight seal
- Fire resistant in accordance with BS EN 1366-3:2009 if used in conjunction with our MD range of products
- Excellent adhesion
- Resistant against water, alkaline, chemical agents, oil and greases
- Resistant to Hydrogen Sulphide / Methane and many other gases (NedLab)
- Complies with ATEX regulations
- Non corrosive
- Solvent free
- Shock absorbing
- Non toxic, neutral and almost odourless
- Re-enterable

### Technical specifications

Fire resistant		: >Up to 90 minutes when used with the MD duct sealing range
Density		: 1.2 gr / cm <sup>3</sup>
Flow	ISO 7390	: < 2 mm
Colour		: red-brown
Skin over time (23C/55%RH)		: ± 15 minutes
Curing		: 1.5 mm / 24 hours
Hardness	DIN 53505	: 30 shore A
Elongation	DIN 53504	: 100 %
Tensile strength	DIN 53504	: 0.8 N / mm <sup>2</sup>
Operating temperature		: +5°C to +40°C
Temperature resistance		: -40°C to +120°C