

FiloSeal+HD FIRE



Duct sealing system FiloSeal+HD FIRE is our new highly certified fire, gas and water sealing system for both ducts and transit frames

Up to 4 hours fire resistance in transit frames (single side)

Up to 4 hours fire resistance in ducts

Tested to BS EN1366-3 2009

Tested to AS1530.4-2014 (Australian / New Zealand fire standard)

Tested to London Underground - LUL S1085

Tested to European rail applications - BS EN 45545

Tested to French rail standard Clt NF F16-101

Tested to Smoke index - ISO 5659-2:2012

Tested to Oxygen index - BS EN ISO 4589-2:1999

Up to 2 bar pressure resistance

100Kg pulling force on the cables when sealed

10xd at 45°, with 1 bar pressure bending test

Engineered duct sealing solution



[View this product at: filoform.co.uk](http://filoform.co.uk)

Features

- Fire resistant - tested to BS EN1366-3 2009
- Fire resistant - tested to AS1530.4-2014 (Australian / New Zealand fire standard)
- Tested to London Underground - LUL S1085
- Tested to European rail applications - BS EN 45545-2:2013
- Tested to French rail standard Cit NF F16-101
- Tested to Smoke index - ISO 5659-2:2012
- Tested to Oxygen index - BE EN ISO 4589-2:1999 (High Oxygen index)
- WIMES Compliant (3.02 2013 6.4.3.2 b)
- Flexible, one component fire resistant adhesive and sealing compound in a cartridge - (310ml)
- Kits are complete with backing and mastic to fill an empty duct of the quoted kit size
- High levels of Gas and Water tightness
- Excellent adhesion, applicable to all common building materials
- Resistant against Water, Alkaline, Chemical agents
- Resistant to termites (Mastotermes Darwiniensis) Northern Australian termites
- Resistant to Rats
- Resistant to Hydrogen Sulphide / Methane and many other Gases (NedLab)
- Non-corrosive
- Solvent-free
- Shock absorbing
- Non-toxic, neutral and almost odourless
- Also suitable for limiting the EX-zones during transitions (observe chemical resistance)
- Complies with 2011 NEC Articles 225.27, 230.8, 300.5(G), 300.7 (A) on Raceway Seals, and 501.15 (B)(2)
- Suitable for any shaped duct/borehole/opening
- Quick and easy installation
- A complete kit
- Seals all know materials, PVC & PE sheathed cables, PILC, (HD) PE pipes
- Engineered duct sealing solution
- Suitable for renovations, can be installed retrospectively
- Over 25 years of operational experience

FILOSeal+HD FIRE

Specifications

Fire resistant duct sealant MD+

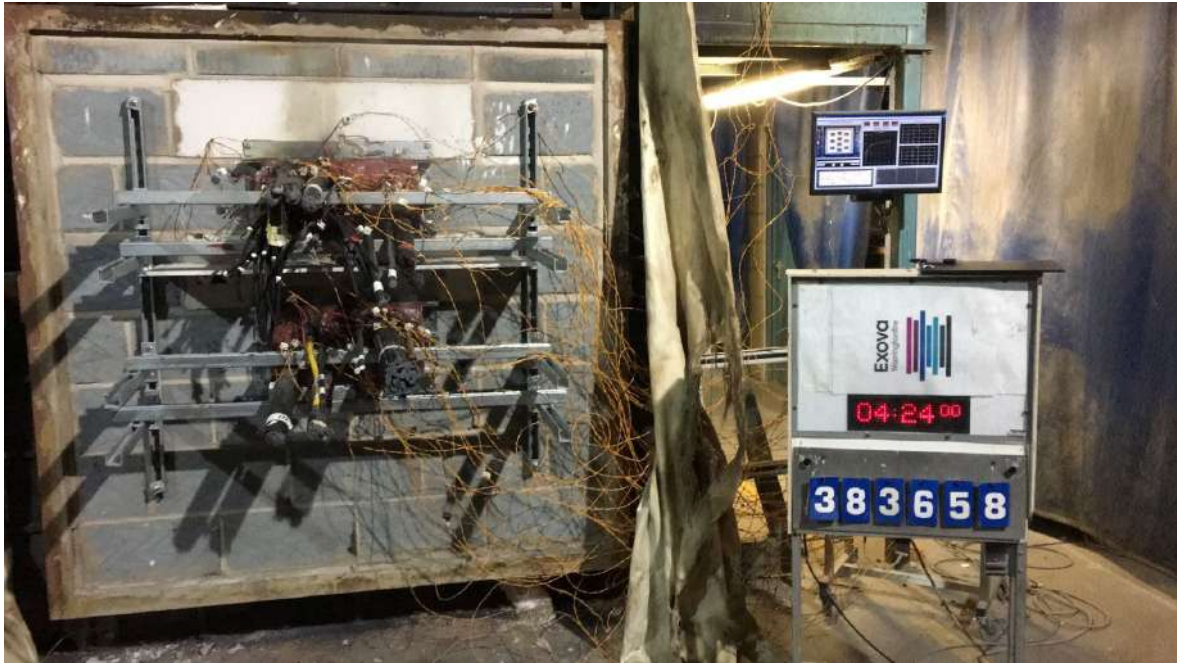
| | | |
|----------------------------|----------------------------------|-----------|
| Density | 1.2 gr/cm ³ | |
| Pressure resistance | up to 2 bar | |
| Pulling Force | 100kg (1000 newtons) | |
| Bend Test | 10xd at 45°, with 1 bar pressure | |
| Flow | < 2mm | ISO 7390 |
| Colour | red-brown | |
| Skin over time (23C/55%RH) | ± 15 minutes | |
| Curing | 3 mm / 24 hours | |
| Hardness | 30 shore A | DIN 53505 |
| Elongation | 100% | DIN 53504 |
| Tensile strength | 0.8 N/mm ² | DIN 53504 |
| Operating temperature | +5°C tot +40°C | |
| Temperature resistance | -40°C tot +120°C | |

Kits are complete with backing and mastic to fill an empty duct of the quoted kit size

More info

[Download: FiloSeal+ disclaimer](#)

Photos of the BS EN1366-3 2009 test at Exova Warringtonfire



[View this product at: filoform.co.uk](http://filoform.co.uk)

Products

| Art.nr. | Product Name | Duct diameter min.-max. (mm) | Order unit |
|---------|----------------------------------|------------------------------|------------|
| 280070 | FiloSeal+HD FIRE - 75mm > 110mm | Ø 110 max. | per piece |
| 280080 | FiloSeal+HD FIRE - 125mm > 160mm | Ø 160 max. | per piece |
| 280090 | FiloSeal+HD FIRE - 180mm | Ø 180 max. | per piece |
| 280100 | FiloSeal+HD FIRE - 200mm | Ø 200 max. | per piece |
| 280110 | FiloSeal+HD FIRE - 225mm | Ø 225 max. | per piece |
| 280120 | FiloSeal+HD FIRE - 250mm | Ø 250 max. | per piece |