

MDIV Duct Sealing System



Duct sealing system type MDIV is suitable for quick and easy sealing of empty ducts / boreholes where cables or pipes are to be installed at a later date. The system provides an effective Gas and Watertight seal.

Suitable for ducts with a diameter of 75mm up to 160mm.

All our duct sealing systems are specified and used by major Electrical, Gas, & Water Utility companies in the UK and Benelux countries.

Features

- Gas- and Water tight 1,0bar
- Can be made Fire resistant by using MD+
- Resistant to Hydrogen Sulphide / Methane and many other Gases
- Complies with ATEX regulations
- WIMES Compliant, (3.02 2013 clause 6.4.3.2 c)
- Suitable for ducts / bore holes
- Quick and easy installation
- A complete kit for one duct
- Seals all known materials, PVC & PE sheathed cables, PILC, (HD) PE pipes
- Excellent mechanical strength, after curing resistant to movements, shocks and vibrations
- Suitable for renovations, can be installed retrospectively
- Over 25 years of operational experience



Specifications

Properties	Unit	Value
Start time expansion	seconds	> 95
End time expansion	minutes	15
Compressive strength	N / cm ²	> 60
Density 1,0bar	30 days	no leakage
Density 10m water column	30 days	no leakage
Volume consistency	cube 10 x 10cm	no change
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
Resistance to bending	cables 45° in 2 directions >250mm	no leakage
Expansion polyurethane foam in pipe	cm	< 40
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
Gasonline	30 days	no degradation
Resistance		
Molds		good
Rodents		good
Shelf life	months	minimal 30

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More info

Products

Art.nr.	Product Name	Duct diameter min.-max. (mm)	Maximum cable diameter in the duct (mm)	Order unit
280301	MDIV-1 Ø 75- 95	Ø 75-95	n.v.t.	per piece
280321	MDIV-3 Ø 95- 125	Ø 95-125	n.v.t.	per piece
280331P	MDIV-4 Ø 125- 160	Ø 125-160	n.v.t.	per piece