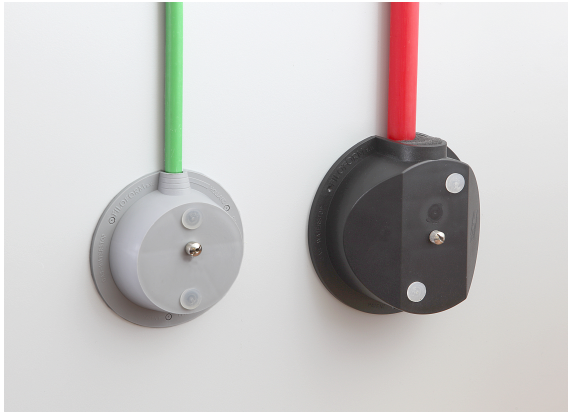


# MDI Duct Sealing System



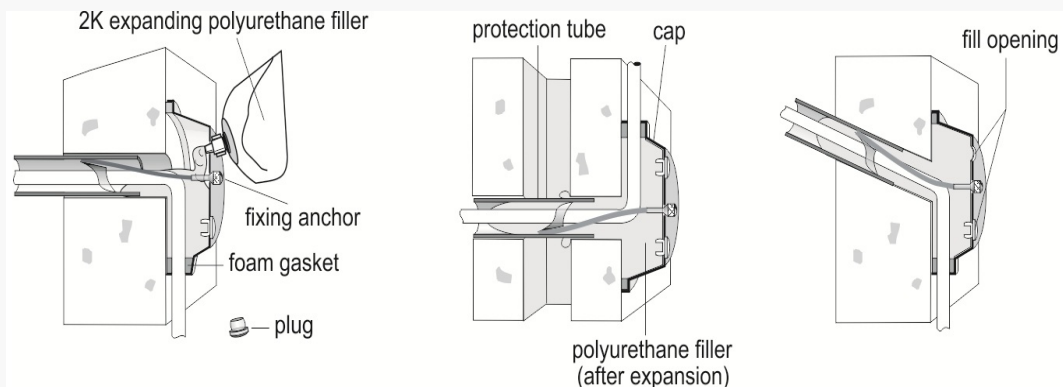
Duct sealing system MD I has been developed for sealing ducts containing pliable cables such as coax and rubberised cables, which can be easily bent to a right angle. This system allows these usually vulnerable cables to be sealed anywhere along a wall where the cable enters a building

Suitable for ducts with a diameter of 16mm up to 32mm and cables or pipes with a diameter up to 25mm

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

## Features

- High levels of Gas and Water tightness
- Resistant to Hydrogen Sulphide / Methane and many other Gases
- Complies with ATEX regulations
- 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

### Dimensions cap

Item number	Outer diameter	Inner diameter	Height
80221	104 mm	72 mm	30 mm
80223	132 mm	106 mm	45 mm

# MDI Duct Sealing System

Properties	Unit	Value
Start time expansion	seconds	> 95
End time expansion	minutes	15
Compressive strength	N / cm <sup>2</sup>	> 100
Density 0,5bar	30 days	no leakage
Density 5m 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 <sub>2</sub> SO <sub>4</sub>	30 days	no degradation
0,1N NaCl	30 days	no degradation
0,1N H <sub>2</sub> SO <sub>4</sub>	30 days	no degradation
0,1N NaOH	30 days	no degradation
Diesel	30 days	no degradation
Gasoline	30 days	no degradation
Resistance		
Moulds		good
Rodents		good
Shelf life	months	minimal 30