

Duct sealing systems MDIII-50 up to MDIII-220mm have been developed to provide an effective and simple solution for fire, gas and water tight sealing of cables and piping in ducts or bore holes.

The specially formulated expanding polyurethane can be easily injected due to the convenient easy and safe to use twin pack with a screw type nipple and filling hose. The polyurethane will expand and thus create a gas and watertight seal.

### ISP duct sealing system has the following features:

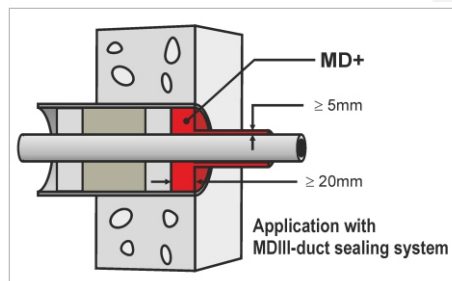
- High levels of gas & water tightness
- Resistant to Hydrogen Sulphide / Methane and many other gases (NedLab)
- Up to 2hrs fire rating on all duct seals – in accordance with BS EN 1366-3:2009
- Complies with ATEX regulations
- WIMES compliant 3.02 (clause 7.4.3.2.d)
- Can be used in any shape or size duct / bore hole up to 220mm
- High mechanical strength – resists ground movements, shocks & vibrations
- Seals all known materials – PVC & PE sheathed cables, PILC, (HD) PE pipes
- Quick & easy Installation
- Over 25 years of operational experience

### Technical Information:

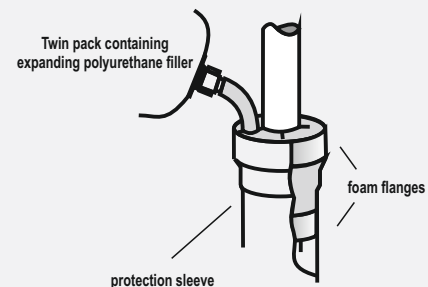
- For gas & water tight situations then our MDIII system is suitable for all applications
- If fire resistance is required then you must also apply our MD+ fire resistant sealant
- Our standard gas & water tight seal has been tested against “Hydrogen Sulphide at 200 PPM for 5 days
- Fire resistant test was done at Warrington Fire in accordance with BS EN 1366-3:2009
- Pressure tested to 1 BAR



Gas & Water Tight



Fire, Gas & Water Tight using **MD+**



Applying the Resin

**MD+ Fire Resistant Sealant needs to be added to all these seals if you require Fire Resistance**

Part No.	Description	Size	Sealing Properties	Estimated MD+ required
282550P	MDIII - 50	50mm Max	Gas & Water	1/2 Tube
282575P	MDIII - 75	75mm Max	Gas & Water	3/4 Tube
280295P	MDIII - 110	110mm Max	Gas & Water	1 Tube
280296P	MDIII - 160	160mm Max	Gas & Water	1.5 Tubes
2802973P	MDIII - 200	200mm Max	Gas & Water	2 Tubes +
280000	MD+ Fire Resistant Sealant	310ml Cartridge	Fire Resistance	

The estimated amounts of MD+ stated above are on the provisions that the installer leaves a 20mm gap at the front of the duct. The MD+ should then be applied to fill the 20mm gap to achieve a fire resistant seal.