

# MD4 Duct Sealing System



Duct sealing system type MD 4 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.

## Features

- Gas- and watertight 1,0 bar
- Radon proof
- Can be used in any shaped or sized duct up to 200mm
- Easy and quick installation
- One complete kit for sealing of one duct
- Seals all known materials: PVC & PE sheeted cables, PILC cables, (HD)PE pipes, PE drink water conduits
- High mechanical strength, resists ground movement, shocks and vibrations
- Also suitable for renovation works
- No architectural measures necessary
- Used by various utility companies as well as contractors
- Over 25 years of operational experience



## Specifications

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Properties	Unit	Value
Start time expansion	seconds	> 95
End time expansion	minutes	15
Compressive strength	N / cm <sup>2</sup>	> 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 <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
Gasonline	30 days	no degradation
Resistance		
Rodon gas		no transit
Molds		good
Rodents		good
Shelf life	months	minimal 30

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## More info

[Download: Material Safety Data Sheet \(MSDS\)](#)

## Products

Art.nr.	Product Name	Duct diameter min.-max. (mm)	Maximum cable or pipe diameter in the duct (mm)	Order unit
80301	MD4 75- 95mm	Ø 75-95	n.v.t.	per piece
80321	MD4 95- 125mm	Ø 95-125	n.v.t.	per piece
80331	MD4 125- 160mm	Ø 125-160	n.v.t.	per piece