

SPEEDPIPE INDOOR MICRODUCT 12X2.0 MM LSZH - FLAME RETARDANT

Art.nr. 950-007



Short Description

High-performance flame-retardant PE microduct designed for the protected installation of fiber optic cables inside buildings, tunnels and structural cavities. The speedpipe features an optimized inner rib structure for low-friction cable installation combined with excellent mechanical strength and fire-safe performance. Suitable for indoor infrastructure where halogen-free and flame-retardant materials are required.

Properties

- **Product Type:** Indoor Microduct / Speedpipe
- **Material:** Flame-retardant Polyethylene (PE)
- **Halogen-free:** Yes (< 0.02%)
- **Construction:** Smooth outer wall with optimized inner ribs
- **Inner Structure:** 63 sliding ribs for reduced cable friction
- **Nominal Pressure:** PN16
- **Fire Behaviour:** Class D s3 d2 (EN 13501-1)
- **Flame Test:** Passed DIN EN 60332-1-2
- **Standards Compliance:** DIN EN 61386-22
- **Application:** Indoor fiber optic cable protection

Mechanical specifications

- **Outer Diameter:** 12.0 ±0.1 mm
- **Wall Thickness:** 2.0 ±0.15 mm
- **Weight:** ±0.066 kg/m
- **Production Length:**
 - 2000 m spool
- **Max. Pulling Strength:** ≤ 300 N
- **Breaking Force:** ≥ 900 N
- **Burst Pressure:** ≥ 46 bar @ 20°C
- **Compression Resistance:** ≥ 2000 N
- **Minimum Bending Radius:**
 - Guided bending: 65 mm
 - Free bending: 10 × cable diameter
- **Operating Temperature:** According to Class 2 DIN EN 61386

Installation applications

Suitable for installation in:

- Structural cavities
- Suspended ceilings
- Plaster and hollow walls
- Concrete and screed
- Indoor cable protection systems

Not suitable for unprotected outdoor installation.

Packaging

- Supplied on installation spool
- **Spool sizes:**
 - 1200 × 370 mm
- **Total spool weight:** 160 kg



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