

SPEEDPIPE MICRODUCT 10X1.0 MM PE-HD - OUTDOOR

Art.nr. 950-006

Short Description

High-performance PE-HD microduct designed for the protected installation of fiber optic cables in outdoor and underground network infrastructures. The speedpipe features an optimized inner rib structure to ensure low friction during cable installation, combined with high mechanical strength and long-term durability. Supplied on installation spool and suitable for use in protective conduit systems.

Properties

- **Product Type:** Microduct / Speedpipe
- **Material:** PE-HD (High Density Polyethylene)
- **Construction:** Smooth outer wall with optimized inner ribs
- **Inner Structure:** 55 sliding ribs for reduced cable friction
- **Nominal Pressure:** PN10
- **Fire Class:** E (EN 13501-1)
- **Standards Compliance:** DIN EN 61386-24
- **Environmental Compliance:** RoHS & REACH compliant
- **UV Resistance:** Up to 3 years outdoor exposure
- **Application:** Fiber optic cable installation in duct systems

Mechanical specifications

- **Outer Diameter:** 10.0 ±0.1 mm
- **Wall Thickness:** 1.0 ±0.1 mm
- **Weight:** ±0.030 kg/m
- **Production Length:** 2000 m on spool
- **Compression Resistance:** Class 250
- **Impact Resistance:** Class L
- **Max. Pulling Force:** ≤ 450 N @ 20°C
- **Burst Pressure:** ≥ 30 bar
- **Operating Temperature:** -40°C to +70°C
- **Installation Temperature:** -10°C to +50°C

Variations

Available with colored identification stripes:

Red / Green / Blue / Yellow / White / Grey / Orange

Packaging

- Supplied on installation spool
- **Spool size:** 1200 × 370 mm
- **Total weight:** approx. 160 kg
- Ready for direct installation



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