



Short Description

High-quality PE microduct designed for the installation of fiber optic cables inside cable duct systems. The speedpipe features an optimized inner rib structure to reduce friction during cable blowing or pulling while maintaining high mechanical stability.

Suitable for modern fiber network installations where reliable cable guidance and long service life are required.

Properties

- **Product Type:** Microduct / Speedpipe
- **Material:** Polyethylene (PE)
- **Construction:** Smooth outer wall with optimized inner ribs
- **Inner Structure:** 63 sliding ribs for reduced cable friction
- **Nominal Pressure:** PN10
- **Fire Behaviour:** Class E (DIN EN 13501-1)
- **Standards Compliance:** DIN EN standards for microduct systems
- **Application:** Fiber optic cable installation in cable ducts

Mechanical specifications

- **Outer Diameter:** 10.0 ±0.1 mm
- **Wall Thickness:** 1.0 ±0.1 mm
- **Weight:** approx. 0.030 kg/m
- **Production Length:** 2500 m on spool
- **Total Spool Weight:** approx. 105 kg (including spool)
- **Max. Pulling Strength:** ≤ 150 N
- **Elongation at Pulling Force:** 220 N
- **Breaking Force:** ≥ 450 N
- **Burst Pressure:** ≥ 30 bar @ 20°C
- **Internal Pressure Test:** Sigma 4.0 for 170 h @ 80°C
- **Homogeneity:** Free from inclusions < 0.02

Packaging

- Supplied on installation spool (1200 × 370 mm)
- Total spool weight approx. 105 kg
- Ready for installation in cable duct systems

Variations

Available with identification stripe colors:

950-008	SUBDUCT10GREENBLUE	10 mm Subduct - green + blue (2500 m / spool)
950-009	SUBDUCT10ORANGEYELLOW	10 mm Subduct - orange + yellow (2500 m / spool)
950-010	SUBDUCT10BLACKBROWRED	10 mm Subduct - black + brown + red (2500 m / spool)



Connecting with quality!