

SPEEDPIPE GROUND MICRODUCT 12X2.0 MM PE-HD - DIRECT BURIAL

Art.nr. 950-011 / 017

Short Description

High-performance PE-HD microduct designed for direct underground installation of fiber optic cables without additional protective conduit. The speedpipe features an optimized inner rib structure for low-friction cable installation combined with high mechanical strength and long-term environmental durability. Suitable for modern fiber network deployments in outdoor and buried infrastructure.

Properties

- **Product Type:** Ground 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:** PN16
- **Fire Behaviour:** Class E (EN 13501-1)
- **Standards Compliance:** DIN EN 61386-24
- **UV Resistance:** Up to 3 years outdoor exposure
- **Environmental Compliance:** RoHS & REACH compliant
- **Application:** Direct burial fiber optic cable protection

Mechanical specifications

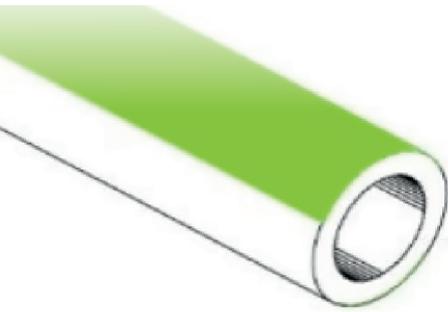
- **Outer Diameter:** 12.0 ±0.1 mm
- **Wall Thickness:** 2.0 ±0.15 mm
- **Weight:** ±0.06 kg/m
- **Production Length:** 2.500 m on spool
- **Total Spool Weight:** approx. 160 kg
- **Max. Recommended Pulling Force:** ≤ 700 N @ 20°C
- **Tensile Strength at Break:** ≥ 1000 N
- **Burst Pressure:** ≥ 30 bar @ 20°C
- **Compression Resistance:** Class 750
- **Impact Resistance:** Class L
- **Minimum Bending Radius:**
 - Guided: 65 mm
 - Free: 10 × outer diameter
- **Operating Temperature:** -40°C to +70°C
- **Installation Temperature:** -10°C to +50°C

Variations

Available with identification stripe colors:
Yellow-Green (standard)

Packaging

- Supplied on installation spool (1200 × 370 mm)
- Total spool weight approx. 150 kg
- Ready for direct burial installation



Connecting with quality!

Spécifications

950-011	SPEEDPIPE10RED10-OUTD	Speed-pipe 12x2,0 rood (2500m) - Proximus Speed-pipe 12x2,0 rouge (2 500 m) - Proximus
950-012	SPEEDPIPEPROX10BLUE-OUTD	Speed-pipe 12x2,0 blauw (2.500m/haspel) - Proximus Speed-pipe 12x2,0 bleu (2 500 m/bobine) - Proximus
950-013	SPEEDPIPEPROX10GREEN-OUTD	Speed-pipe 12x2,0 groen (2.500m/haspel) - Proximus Speed-pipe 12x2,0 vert (2 500 m/bobine) - Proximus
950-014	SPEEDPIPEPROX10YELLOW-OUTD	Speed-pipe 12x2,0 geel (2.500m/haspel) - Proximus Speed-pipe 12x2,0 jaune (2 500 m/bobine) - Proximus
950-015	SPEEDPIPEPROX10VIOLET-OUTD	Speed-pipe 12x2,0 violet (2.500m/haspel) - Proximus Speed-pipe 12x2,0 violet (2 500 m/bobine) - Proximus
950-016	SPEEDPIPEPROX10WHITE-OUTD	Speed-pipe 12x2,0 wit (transparant) (2.500m/haspel) - Proximus Speed-pipe 12x2,0 blanc (transparent) (2 500 m/bobine) - Proximus
950-017	SPEEDPIPEPROX10ORANGE-OUTD	Speed-pipe 12x2,0 oranje (2.500m/haspel) - Proximus Speed-pipe 12x2,0 orange (2 500 m/bobine) - Proximus