

SPEEDPIPE-INDOOR LSZH 10X1,0

Art.nr. 950-002



Short Description

High-quality indoor microduct designed for fiber optic cable blowing in building environments.

The speed-pipe®-indoor 10x1,0 offers flame-retardant, halogen-free, and low-smoke performance, ensuring maximum safety in riser shafts, hollow walls, and ceiling installations.

Certified according to VDE and UL standards for reliable performance and fire protection in structured cabling networks.

Application

Designed for indoor fiber optic cable installations within buildings, risers, suspended ceilings, and hollow walls.

Ensures safe and reliable routing of micro-blown fibers in fire-sensitive areas with low smoke emission and halogen-free construction.

Key Advantages

- Flame-retardant LSZH material
- Halogen-free and low-smoke compliant
- Optimized sliding ribs for superior blowing performance
- Lightweight and flexible for easy handling
- Certified according to VDE and UL standards
- Ideal for FTTH and structured building networks

Installation Guidelines

Not suitable for direct burial in the ground.

Permitted installations:

- In walls, cavities, suspended ceilings, screed, or concrete
- On walls or ceilings (fixing distance < 0.8 m)
- In hollow or wooden walls (flammable materials)



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Spécifications

General Data		
Property	Value	
Outer diameter (D)	10.0 mm (+0.1 mm)	
Wall thickness (s)	1.0 mm (+0.1 mm)	
Material	Polyethylene PE, flame-retardant	
Colour	White (no colour additives)	
Surface	Inner surface with 63 optimized sliding ribs	
Homogeneity	Free from inclusions < 0.02 mm ²	
Nominal pressure	10 bar at 20 °C	
Burst pressure	min. 20 bar at 20 °C	
Tensile strength	200 N at 20 °C	
Max. recommended pull-in force	400 N	
Bending radius	10 × outer diameter	
Weight	approx. 0.030 kg/m	
Production length	500 m / 2500 m	
Total weight (incl. spool)	approx. 28 kg / 103 kg	
Temperature range	-5 °C to +90 °C	
Material flow index (MFI, DIN 8075)	max. 30 %	
Flame class	D s3 d2 (DIN EN 13501-1)	
Halogen content	< 0.4 % (DIN EN 50642 / DIN EN 61386)	
Light transmission	> 60 % (low smoke, DIN EN 61034-2)	

Classification (DIN EN 61386-22 / VDE 0605 Part 22)		
Property	Class	Description
1. Compression resistance	2	Light
2. Impact resistance	2	Light
3. Bending behavior	3	Flexible / self-recovering
4. Temperature range	2	Normal
5. Tensile strength	2	Light
6. Flame propagation resistance	1	Non flame-spreading
7. Electrical characteristics	2	With insulation properties