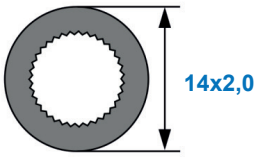
MICRODUCT MONO
14X2,0 MM D.B.

Art.nr. 950-004

Short Description

Single microduct designed for blowing fiber optic cables. The duct features a smooth inner surface for optimal blowing performance and a robust outer wall for mechanical protection. Ideal for outdoor or indoor ducting systems in FTTH, FTTB, and data network infrastructures.



Properties

- **Product type:** Microduct Mono 14 × 2.0 mm
- **Material:** PE-HD
- **Inner surface:** Grooved (70 grooves) for low-friction cable inst**allation**
- **Outer surface:** Smooth
- **Maximum operating pressure:** 16 bar
- **UV resistance:** 2 years outdoor storage
- **Colour options:** Multiple colours, fully tinted or with identification stripes
- **Meter marking** via inkjet printing

Mechanical specifications

- **Outer diameter:** 14.0 – 14.15 mm
- **Wall thickness:** 2.0 mm (nominal)
- **Minimum bending radius (20 °C):** ≥ 280 mm
- **Maximum tractive force (20 °C):** 730 N
- **Burst pressure:** ≥ 50 bar
- **Weight:** ≈ 0.073 kg/m
- **Ovality:** ≤ 3 %
- **Temperatures - Transport / storage:** -10 °C to +50 °C
- **Temperatures - Installation:** -10 °C to +50 °C
- **Temperatures - Blowing:** -5 °C to +35 °C

Connecting with quality!

Spécifications

Dimensions		
Outer Diameter	min. 14,00 mm	max. 14,15 mm
Wall thickness	2,00 mm (nominal)	
Product features		
Material	PE-HD	
Colour	Great variety of colours: natural-coloured with identification stripes or fully tinted, 12 RAL colours available	
Marking	Each meter marked with Ink Jet. Standard length* 2500 m; Drum: H 1200, W 380, C 480 Special lengths available on request	
Execution	Smooth outer surface, inner surface grooved; 40 Grooves * calculated value H = Height, W = Width, C = Core diameter [mm]	
Mechanical characteristics		
Bend radius (20°C)	≥ 200 mm	
Max. tractive force (20°C)*	730 N	
Temperatures		
Transpot/deposit	-10°C to 50°C	
Installation	-10°C to 50°C	
Blowing	-5°C to 35°C	
Weight*	0,073 kg/m	
Ovality (during production)	≤ 3 %	
Max. pressure	16 bar	
Burst pressure	≥ 50 bar	
UV stability	2-year outdoor storage according to Central Euorpean climate in accordance with DIN EN ISO 4892-2	
Internal pressure creep test	80°C, σ 4 N/mm², >170 h following DIN 16874	
Compression strength	> 2000 N	
Homogeneity	≤ 0,02 mm2	
		* calculated value
Recommendations		
Endcap	The ends of the ege-com® Microduct Mono pipes have to be sealed with proper endcaps to protect the pipe against contamination.	
Connector	The ege-com® connector provides a water- and pressure-tight connection between two ege-com® Microduct Mono pipes.	
Set of rules/ Laying technique	KRV (German Plastic Pipe Association) installation instruction A 535b, Installation manual egeplast	