

Microduct

12,0/10,0 MM MICRODUCT ON 2000 M ONE-WAY DRUMS



Dimensions

Outer diameter	Min. 11,9 mm	Max. 12,2 mm
Wallthickness	1,0 mm (nominal)	

Product Features

Material	PE-HD
Colour	orange
Marking every meter	12/10 mm – Attention Optical Fibre, “producer”, „production date“, „batchno.“, „meter“
Standard length	2000 m; Drum H 1000 mm W 570 mm C 370 mm
Design Single Microduct	Smooth outer surface, smooth inner surface

Mechanical Characteristics

Bending	10 x outer diameter
Temperatures during Transport/Storage	-40 °C to 60 °C
Installation microduct	-40 °C to 60 °C
Installation cables/fibres	-40 °C to 35 °C
Weight <i>calculated value</i>	0,033 kg/m
Ovality (during production)	Max. 0,3 mm
Max. pressure	16 bar
Refractive radius	< 10x microducts outer diameter
Pressure strength	> 1000 N/dm
UV-Resilience	2 years (Northern European climate)
Linear expansion	0,2 mm/m*K
Heat treatment	Change in length ≤ 3%

Recommendation

End caps	Microducts should be sealed with appropriate end caps, to protect microducts from defilement.
Connector	Connector provides a water- and pressure-tight connection.

Colours

Colour	RAL/PMS
Pastel Orange	RAL 2003
Zinc Yellow	RAL 1018
Red	RAL 3000
White	RAL 9010
Emerald Green	RAL 6001
Violet	RAL 4006
Blue	RAL 5010
Silver Grey	RAL 7001
Light Green	RAL 6027
Black	RAL 9011
Brown	RAL 8015
Purple	RAL 4003

Certified in accordance to DIN EN ISO 9001 (quality management),
DIN EN ISO 14001 (environmental management) and
DIN EN ISO 50001 (energy management)