

## Product Information

### BKTmikro DB Micro Tubes

Micro tubes with reinforced walls for laying directly in the ground and mechanical pulling into telecommunications duct system.

PI\_102M54XY\_01.15



## Application

Micro tubes with reinforced wall for laying directly in the ground. Thanks to high tensile strength, DB micro tubes can be pulled mechanically into existing and partly used telecommunications duct system. Coextruded slip film. Friction less than 0.1. We can manufacture a micro tube with a duct rod.

## Standards

PN EN 50086-2-4  
ISO TR 9080  
PN EN-921  
ISO 13480  
ISO 527 (pkt.3)  
PN EN 638  
IEC 40794-1-2

## Structure

Micro tube made of PE80 primary high-density polyethylene  
Wall thickness  $2.0 \div 2.25$  mm

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## Mechanical Parameters

Property	Value
Ovality	5%
Compression Strength at 5% Strain	1000 N
Minimum Bend Radius	10 x Dy
Pressure Class	20 bar
Hydraulic Pressure Resistance	12 MPa/20°C ≥ 1h 6.3 MPa/20°C ≥ 24h 4.6 MPa/80°C ≥ 165h 4.0 MPa/80°C ≥ 1000h
Friction	0.1
Corrosion Resistance	15 mm/24h
Maximum Tensile Strength	1150 N

## Ordering information

Index	Product Description	Dy (mm)	Di (mm)	e	L1(m)
102M5403	BKTMikro DB 7x2,0*UF Micro Tube	7.0	3.0	2.00	3500
102M5406	BKTMikro DB 8x2,1*UF Micro Tube	8.0	3.8	2.10	3000
102M5408	BKTMikro DB 10x2,25*UD Micro Tube	10.0	5.5	2.25	2000
102M5410	BKTMikro DB 12x2,0*UD Micro Tube	12.0	8.0	2.0	1700
102M5411	BKTMikro DB 14x2,0*UD Micro Tube	14.0	10.0	2.0	1100

