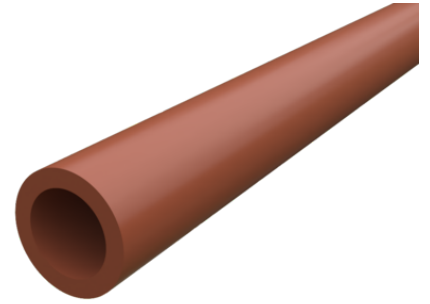


<b>Product name</b>	Microduct 12/10mm HDPE brown Smooth, 2000m/dr
<b>Product code</b>	5042309
<b>GTIN</b>	
<b>ETIM-Class</b>	EC001474



## PRODUCT SPECIFICATIONS

12/10mm microducts are designed for long term protection of fiber optical cables and are especially suitable for installation of micro cables. Thin walled microducts are suitable for sub-duct installations. The ducts can either be blown or pulled into existing pipes to maximize the utilization of already existing infrastructure. The microduct are made of high-density virgin polyethylene (HDPE). Every microduct has a permanent, co-extruded silicone compound inner liner giving a coefficient of friction of less than 0,1.

## Measurements

<b>Length</b>	1,000 mm
<b>Height</b>	12 mm
<b>Width</b>	12 mm
<b>Weight</b>	34 g

## Technical Specifications - Single Ducts

<b>Duct Type</b>	12/10
<b>Duct Colour</b>	Brown
<b>Outer Diameter</b>	12 mm
<b>Outer Diameter Tolerance</b>	+/- 0.1 mm
<b>Inner Diameter</b>	10 mm
<b>Inner Diameter Tolerance</b>	+/- 0.1 mm
<b>Min Bending Radius</b>	150 mm

Max Install Tensile Force	450 N
Inner clearance test (of ID)	85 %

## Mechanical Characteristics

Temperature ranges for installation	-10°C - +50°C
Temperature ranges for Operation	-40°C - +55°C
Temperature ranges for transport and storage	-40°C - +55°C
Pressure Withstand (IEC 60794-1-22, Method F13)	Resistance to internal pressure (23°C, 2 hours) 20 bar (EN 1167-1,2)
Pressure Withstand (IEC 60794-1-22, Method F13)	Resistance to internal pressure (60°C, ½ hour) 12 bar (EN 1167-1,2)
Crush (IEC 60794-1-21, Method E3A)	EN 60794-1-21, method E3A, load 700 N, recovery time 1 hour
Impact (IEC 60794-1-21, Method E4)	EN 60794-1-21, method E4, impact 1 J, recovery time 1 hour
Outdoor exposure/UV-stability (Months)	12