

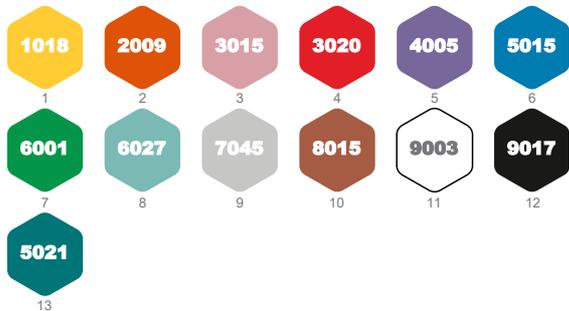
## MICRODUCTS

# MicroDucts HDPE 16/10 mm

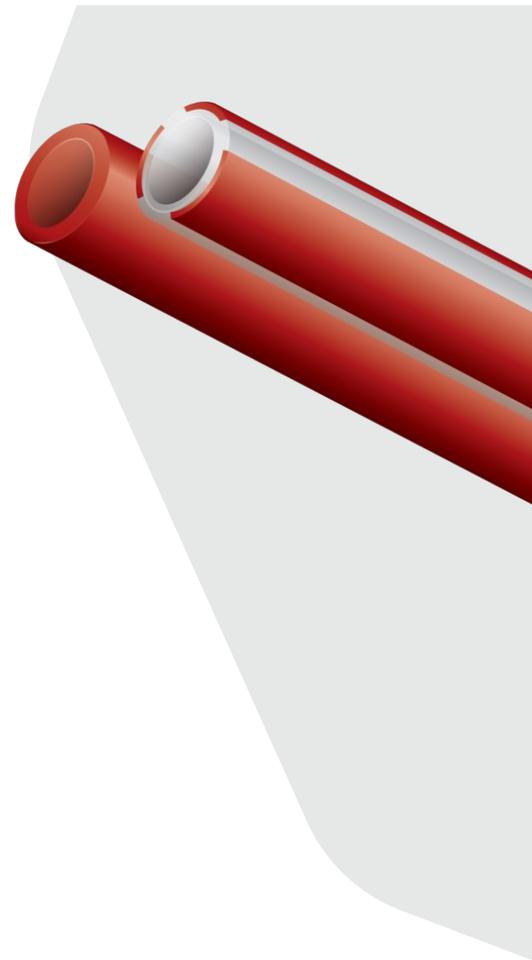
MicroDucts HDPE (DuraMicro HDPE) is offered in two variations, one designed for creating a new direct buried pathway, the other specifically for placing as a subduct in an existing line. Both smooth and ribbed inner lining options are designed for easy cable placement. MicroDucts DB (Direct Buried) is a MicroDuct range created to withstand impact and suitable to be directly buried. The product is designed for installation of fibre bundles with a co-extruded, permanently lubricated inner layer called Silicore. The product is used in other DB bundles such as FuturePath HDPE and FuturePath Flex. The MicroDucts DI (Direct Install) is designed to be installed by pulling, blowing, or pushing in existing duct systems. Installation can be done with single MicroDucts or bundles.

- Made from High Density Polyethylene (HDPE)
- Size Range from 5 mm - 20 mm Outer Diameter
- Pressure resistance minimum 15 bar
- Silicore, permanently lubricated inner lining provides a lower inner coefficient of friction (<0.1) for maximum cable blowing length
- Anti-static inner layer reduces friction caused by static electricity build-up during fibre installation
- Improved impact and compression resistance for DB products
- High-quality materials formulated for long-life expectancy
- Available in smooth or ribbed inner lining
- Available in 13 opaque RAL colours according to IEC 304
- Available in colourless with stripes of 13 opaque colours

## COLORS



Other colour and stripe options available. Please note, for certain color options actual color may vary from RAL color code due to material variations.



## DETAILS

- Footage/Meter Markings
- Internal Ribs
- Direct Install (DI)
- Direct Buried (DB)

## OPTIONS

- Translucent
- Smooth or Ribbed Lining
- Solid Color
- Silicore®
- Pre-installed Cable
- Pre-installed Rope
- Color Stripes
- Anti-Static

## TECHNICAL SPECIFICATIONS

Product Description	MicroDucts HDPE 16/10 mm
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### PHYSICAL PROPERTIES

Bend Radius	160 mm
Wall Thickness (A)	3 mm
MicroDuct Size (OD/ID)	16/10 mm

### GENERAL PRODUCT INFORMATION

Storage Temperature	-40 to 60°C
Installation Temperature	-20 to 50°C
Use Temperature	-40 to 60°C
Interior wall	Smooth, Ribbed
Pre-Lubrication Class	Silicore
UV Stability	Up to 2 years

### PERFORMANCE PROPERTIES

Burst pressure (bar)	40
Burst pressure Test Method	EN ISO 1167-1, 2
Impact Resistance	no impacts J
Impact Resistance Test Method	IEC 60794-1-21 method E4
Crush IEC Test method	IEC 60794-1-21 method E3A
Resistance of Marking	IEC 60794-1-2, Method E2B nr 2
Longitudinal reversion - Test Method: EN ISO 2505	max 3 %

### PACKAGING

Weight of Duct	117 kg/km
Total Weight (Duct + Drum)	167 kg/km
Duct Ovality on Drum (After 1 Hour)	5 %
Length on Drum	1250 m
Drum Dimensions	120x46x36 cm

