

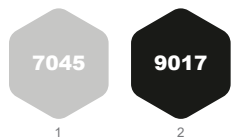
MICRODUCTS

MicroDucts ECO 14/10 mm

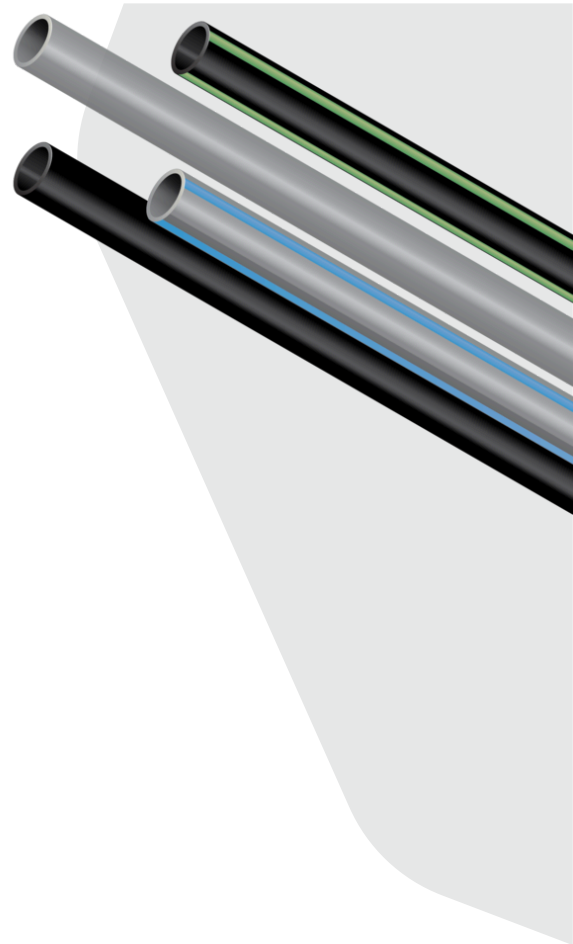
MicroDucts which use up to 100% reground High-Density Polyethylene (HDPE) from Dura-Line's own internal manufacturing process. MicroDucts ECO contribute to lower scope 3 emissions for network operators and are suitable for direct-buried or sub-duct installation in outdoor optical communications networks. All standard MicroDuct sizes are available, and all products meet stipulated parameters for regular MicroDuct products.

- Made from up to 100%, high-quality, reground HDPE
- Available in black or grey varieties
- Sizes ranging from 7 mm to 20 mm Outer Diameter (OD)
- SILICORE®, permanently lubricated, coextruded, regular HDPE-based inner lining provides a lower inner coefficient of friction (<0.1) for maximum cable blowing length
- Designed for a fill ratio between a minimum of 50% and a maximum of 75%
- UV resistance up to 2 years in Central European climatic conditions, depending on customer specified requirements

COLORS



Color options



DETAILS

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

OPTIONS

- Identification and Length Marking
- Smooth or Ribbed Lining
- Silicore®
- Pre-installed Cable
- Color Stripes

TECHNICAL SPECIFICATIONS

PRODUCT DESCRIPTION	
MicroDucts ECO 14/10 mm	
TECHNICAL DETAILS	
Bend Radius	140 mm
Outside Diameter (B)	14 mm
OD Tolerance	-0.1 / +0.1 mm
Inside Diameter (C)	10 mm
Wall Thickness (A)	2 mm
Wall Tolerance	-0.1 / +0.1 mm
MicroDuct Size (OD/ID)	14/10 mm
PHYSICAL PROPERTIES	
Cable Fill Ratio	25 - 75 %
GENERAL PRODUCT INFORMATION	
Storage Temperature	-40 to 70 °C
Installation Temperature	-20 to 50 °C
Use Temperature	-40 to 70 °C
Transport Temperature	-40 to 70 °C
Interior wall	Smooth,Ribbed
UV Stability (Years in Central European climatic conditions)	Up to 2
PERFORMANCE PROPERTIES	
Maximum Pulling Force - Test Method: ISO 527-1, 2	1010 N
Blown ball test (BB test) - Test Method: Internal	Pass, with minimum ball diameter of 80% of ID
Friction Coefficient - Test Method: IEC/TR 62470 method A	0.1
Resistance of Marking	IEC 60794-1-2, Method E2B nr 2
PACKAGING	
Nominal Weight of Conduit	71 kg/km
Total Nominal Weight (conduit and drum)	128 kg/km
Duct Ovality Pre-Winding - Test Method: EN ISO 3126	5 %
Length on Drum	1500 m
Drum Dimensions	1200x460x360 cm
Ovality Test Method	EN ISO 3126
Print Marking	0000m - Dura-Line - LOT No 12345678 - MicroDucts ECO - Ribbed/Smooth - 14/10 - Silicore (optional) - Production date <YYYY/MM/DD>
CLASSIFICATION	

