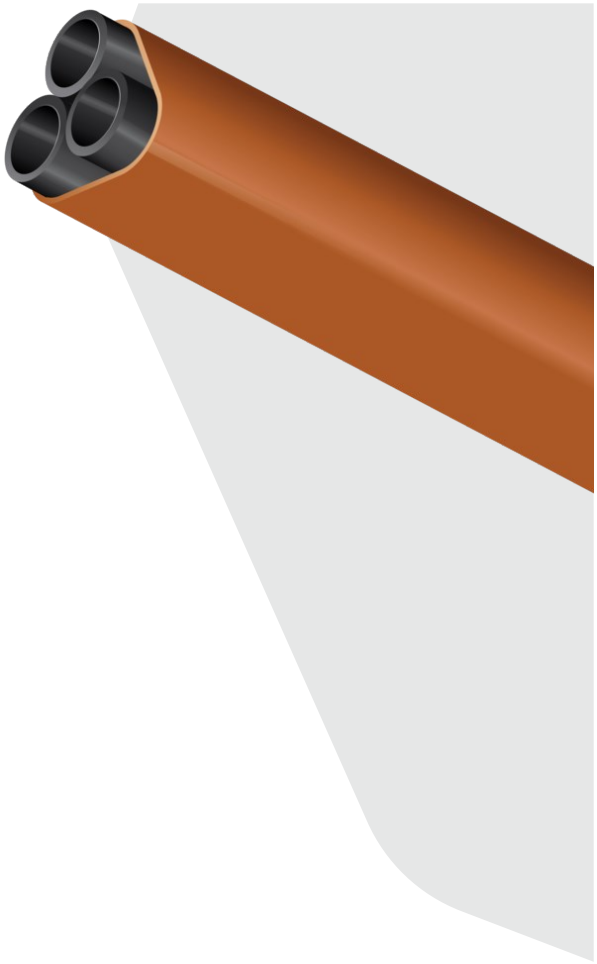
MICROBUNDLES

FuturePath ECO HDPE 3x14/10 mm



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

- Made from up to 100%, high-quality, reground HDPE
- Sheath and coloured identification stripes may use regular or reground materials
- Available in configurations starting from 2 MicroDucts, with sizes ranging from 7 mm to 20 mm Outer Diameter (OD)
- Sheath is easy to remove for quick access to individual pathways
- Suitable for underground installation via common duct deployment methods (trench, MicroTrench, pull, directional drill, plough)
- Branching is simple with a DuraFit connector
- SILICORE®, permanently lubricated, coextruded, regular HDPE-based inner lining provides a lower inner coefficient of friction (<0.1) for maximum cable blowing length

COLORS

7045 (1) 9017 (2) 2009 (3)

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
- Direct Install (DI)
- Direct Buried (DB)

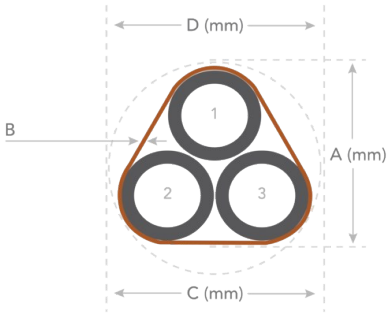
OPTIONS

- Identification and Length Marking
- Smooth or Ribbed Lining
- Silicore®
- Rip Cord
- Color Stripes
- Locate Wire
- Anti-Static

TECHNICAL SPECIFICATIONS

Product Description	FuturePath ECO HDPE 3x14/10 mm

PHYSICAL PROPERTIES	
Bend Radius	295 mm
Height (A)	27.7 mm
Oversheath (B)	0.75 mm
Width (C)	29.5 mm
MicroDuct Size (OD/ID)	14/10 mm



GENERAL PRODUCT INFORMATION	
Storage Temperature	-40 to 60°C
InstallationTemperature	-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	
Maximum Pulling Force - Test Method: ISO 527-1, 2	3030 N
Resistance of Marking	IEC 60794-1-2, Method E2B nr 2
Thermal expansion	1.6 x 10-4 K-1 K-1
Thermal Expansion Test Method	ISO 11359-2
Longitudinal reversion - Test Method: EN ISO 2505	3 %

PACKAGING	
Weight of Duct	276.5 kg/km
Total Weight (Duct + Drum)	765 kg/km
Length on Drum	2000 m
Drum Dimensions	190x90x100 cm
Print Marking	0000 m - Dura-Line - <batch number> - FuturePath ECO HDPE - 3x14/10 – <YYYY/MM/DD>