

## MICROBUNDLES

# FuturePath ECO HDPE 7x14/10 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



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 7x14/10 mm
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### PHYSICAL PROPERTIES

Bend Radius	435 mm
Height (A)	39.7 mm
Oversheath (B)	0.75 mm
Width (C)	43.5 mm
MicroDuct Size (OD/ID)	14/10 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

Maximum Pulling Force - Test Method: ISO 527-1, 2	7070 N
Resistance of Marking	IEC 60794-1-2, Method E2B nr 2
Thermal expansion	$1.6 \times 10^{-4} \text{ K}^{-1} \text{ K}^{-1}$
Thermal Expansion Test Method	ISO 11359-2
Longitudinal reversion - Test Method: EN ISO 2505	3 %

### PACKAGING

Weight of Duct	591.5 kg/km
Total Weight (Duct + Drum)	803.5 kg/km
Length on Drum	1000 m
Drum Dimensions	190x90x100 cm
Print Marking	0000 m - Dura-Line - <batch number> - FuturePath ECO HDPE - 7x14/10 - <YYYY/MM/DD>

