

MICROBUNDLES

FuturePath ECO HDPE 12x7/3,5 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 12x7/3,5 mm
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PHYSICAL PROPERTIES

Bend Radius	534 mm
Height (A)	26.7 mm
Oversheath (B)	0.75 mm
Width (C)	29.5 mm
MicroDuct Size (OD/ID)	7/3.5 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	4680 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	391.9 kg/km
Total Weight (Duct + Drum)	541.9 kg/km
Length on Drum	1000 m
Drum Dimensions	150x60x67 cm
Print Marking	0000 m - Dura-Line - <batch number> - FuturePath ECO HDPE - 12x7/3.5 – <YYYY/MM/DD>

