

MICROTECHNOLOGY

FUTUREPATH HYBRID 12-WAY

- FuturePath configuration mixing two popular MicroDuct sizes
- A perfect choice for customers who need to place two different micro cables at the same time, or would like to plan for future possibilities
- Multiple pathways for one installation cost, allows flexibility and future growth
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct

CONFIGURATIONS

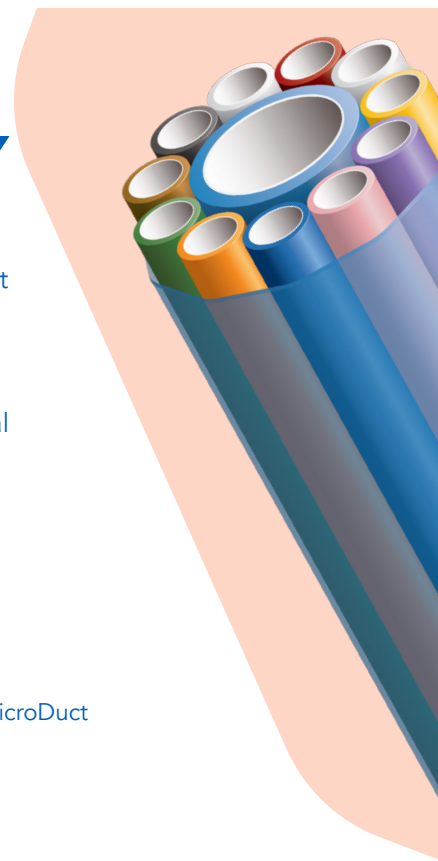
12.7/10mm MicroDuct (1) + 5/3.5mm MicroDucts (11)

INSTALLATION TYPES

Plow Directional Bore
 Trench Tray
 MicroTrench

STANDARD COLORS

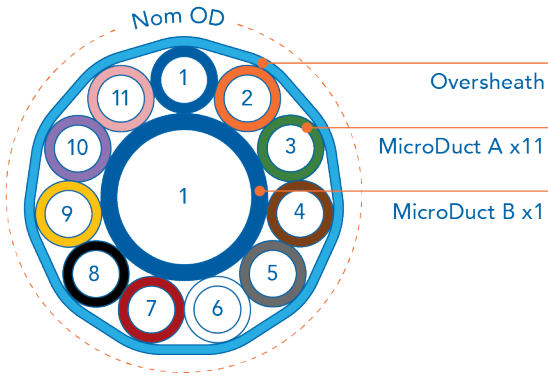
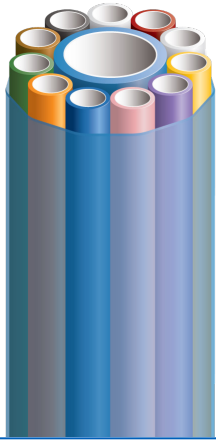
■ Transparent Oversheath
 ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ MicroDuct
 Custom colors available



FEATURES

STANDARD
SPECIFICATIONS/DETAILS FuturePath configuration consisting of two or more different sizes of conduit and or MicroDucts. Manufactured from flexible HDPE (High Density Polyethylene).
FILL RATIO Choose the correct MicroDuct size based on the Outer Diameter (OD) of desired MicroCable. Dura-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.
CONDUIT MARKINGS Permanent marking along FuturePath includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.
CO-EXTRUDED LINING SILICORE® ULF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.
INTERNAL RIBS Standard on MicroDucts
LOCATE WIRE Available with or without a 20 AWG insulated copper wire
RIP CORDS For easy opening of the oversheath

FUTUREPATH HYBRID 12-WAY TECHNICAL SPECIFICATIONS



DUCT TYPES	MAX OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
5/3.5mm + 12.7/10mm	0.98	0.040	0.147	10	20	797

† Safe working pull strength is calculated at 80% of tensile or breaking strength

* Unsupported Bend Radius guidelines should be followed during the installation process. The Supported Bend Radius are post-installation measurements.

SMOOTHWALL DUCT TECHNICAL SPECIFICATIONS

MICRODUCT SIZE	MAX OD (MM/IN)	MIN ID (IN)
5/3.5mm	5.0/0.20	3.4/0.13

MICRODUCT TECHNICAL SPECIFICATIONS

MICRODUCT SIZE	MAX OD (MM/IN)	MIN ID (MM/IN)
12.7/10mm	12.7/0.50	9.8/0.39