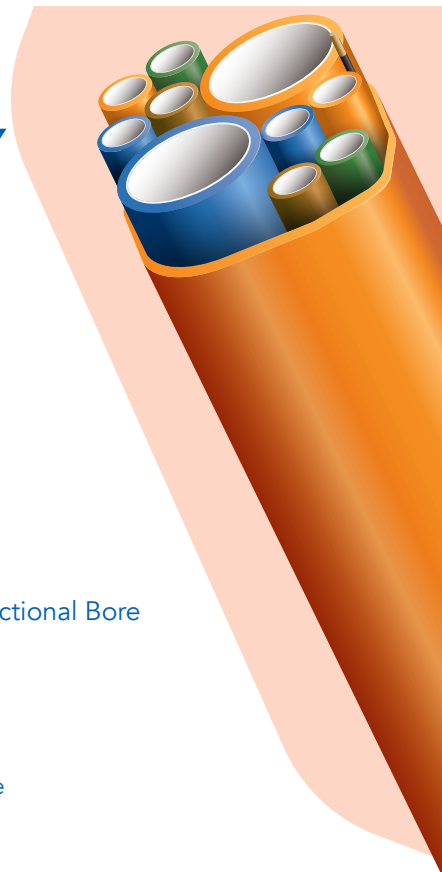


MICROTECHNOLOGY

FUTUREPATH HYBRID 10-WAY

- FuturePath configuration mixing a popular MicroDuct size with a common Smoothwall duct size
- A perfect choice for customers who need to place micro cables and larger standard fiber 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

1 1/2" TSDR 11 (2) + 18/14mm MicroDucts (8)

INSTALLATION TYPES

Plow	Directional Bore
Trench	Tray
MicroTrench	

STANDARD COLORS

Oversheath

 MicroDucts

 Custom colors available

FEATURES

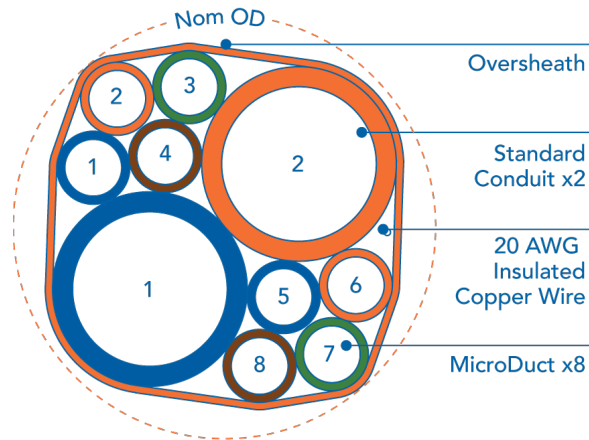
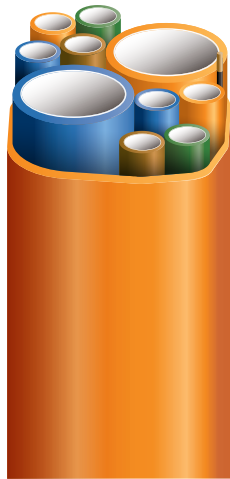
STANDARD
SPECIFICATIONS/DETAILS FuturePath configuration consisting of two or more different sizes of conduit and or MicroDucts. Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356.
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, available as an option in the Conduits
LOCATE WIRE Available with or without a 20 AWG insulated copper wire
RIP CORDS For easy opening of the oversheath



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FUTUREPATH HYBRID 10-WAY TECHNICAL SPECIFICATIONS

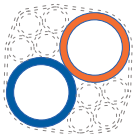


DUCT TYPES	MAX OD (IN)	HEIGHT (IN)	WIDTH (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
1 1/2" TSDR 11 + 18/14mm	4.09	3.58	3.52	0.070	1.621	63	105	8,783

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

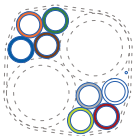
* Unsupported Bend Radius guidelines should be followed during the installation process. The Supported Bend Radius are post-installation measurements.

SMOOTHWALL DUCT TECHNICAL SPECIFICATIONS



DUCT TYPE	NOM OD (IN)	MIN ID (IN)
1 1/2" TSDR 11	1.89	1.48

MICRODUCT TECHNICAL SPECIFICATIONS



MICRODUCT SIZE	OD (MM/IN)	MIN ID (MM/IN)
18/14mm	18/0.71	13.6/0.54



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