

MICROTECHNOLOGY

FUTUREPATH HYBRID 3-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

1.25" SDR 13.5 (x1) + 22/16mm MicroDucts (x2)
1.25" SDR 11 (x1) + 18/14mm MicroDucts (x2)

INSTALLATION TYPES

Plow
Trench
Directional Bore

STANDARD COLORS



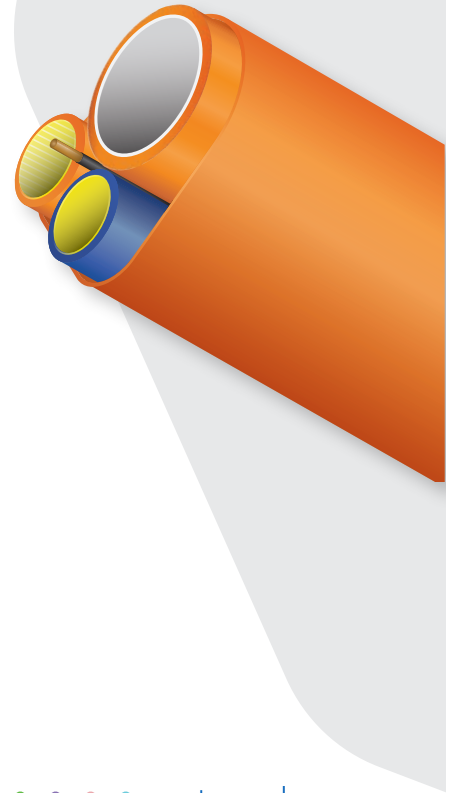
Oversheath



MicroDucts



custom colors available



FEATURES

STANDARD

MATERIAL HDPE Standard conduit: Smooth Outside/Smooth Inside MicroDuct: Smooth Out/Ribbed In

SILICORE AND SUPER SILICORE is co-extruded with the tough HDPE wall creating a permanent, super slippery interior lining. It has the lowest coefficient of friction compared to other options, no performance loss in all temperature conditions and functions without additional wet lubricants

INTERNAL RIBS standard on MicroDucts only

LOCATE WIRE Available with or without a 20 AWG insulated copper wire

RIP CORD(S) for easy opening of the sheath

SEQUENTIAL FOOT OR METER MARKINGS Custom print streams available

FILL RATIO Choose the correct MicroDuct size based on the Outer Diameter (OD) of desired MicroCable. Dura-Line recommends a fill ratio of 50% and 75% for optimal cable placement performance. Several factors impact jetting distance, including the condition of route, bends, and equipment.

STANDARD PACKAGING Available on standard 90" reels with up to 2500' put-ups per reel



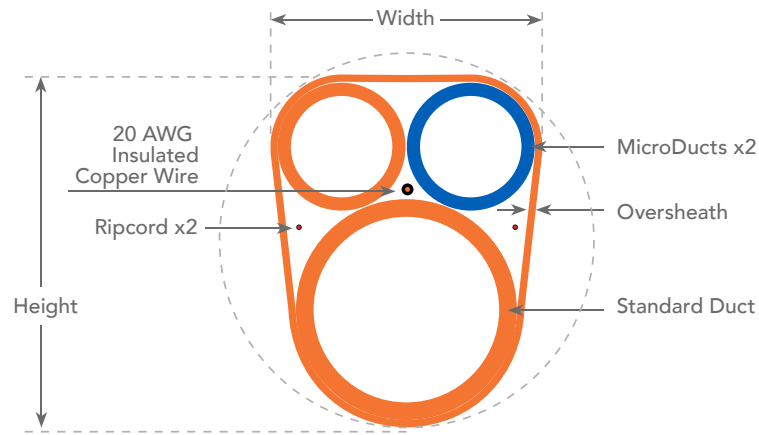
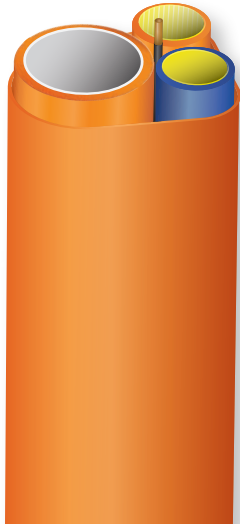
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TL9000



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FUTUREPATH HYBRID 3-WAY



FUTUREPATH HYBRID 3-WAY TECHNICAL SPECIFICATIONS

SPECS FOR	DUCT TYPES	MAX OD (IN/MM)	WIDTH (IN)	HEIGHT (IN)	OVER-SHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN/MM)	BEND RADIUS UNSUP* (IN/MM)	SWPS† (LBS)
	1.25" SDR11+ 18/14mm	2.54	1.8	2.46	0.07	0.644	37	62	3,500
	1.25" SDR13.5 + 22/16mm	2.68	1.84	2.56	0.05	0.893	38	64	4,801

* Unsupported Bend Radius guidelines should be followed during the installation process. The Supported Bend Radius are post-installation measurements.
† Safe working pull strength is calculated at 80% of tensile or breaking strength

SMOOTHWALL DUCT TECHNICAL SPECIFICATIONS

SPECS FOR	DUCT TYPE	OD (IN)	MIN ID (IN)
	1.25" SDR11	1.660	1.318
	1.25" SDR13.5	1.660	1.374

MICRODUCT TECHNICAL SPECIFICATIONS

SPECS FOR	MICRODUCT SIZE	OD (MM/IN)	MIN ID (MM/IN)
	18/14mm	18/0.71	13.6/0.54
	22/16mm	22/0.87	15.4/0.61



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