

## 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

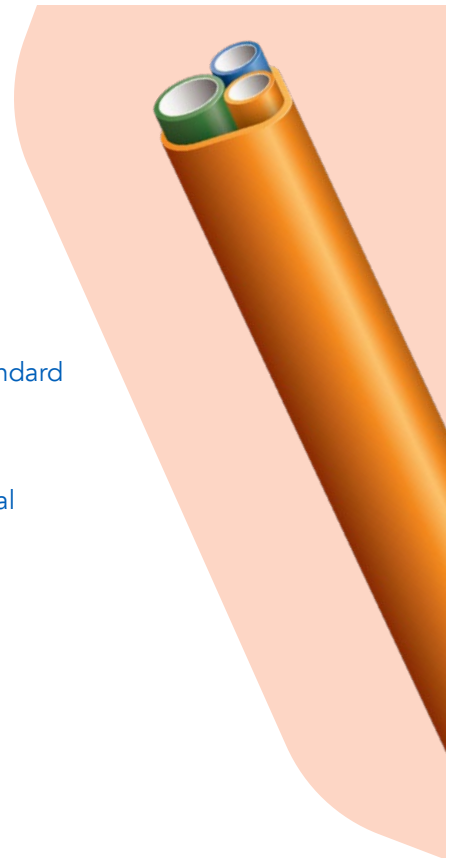
Trench

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® ULF** (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE ULF exhibits no loss in performance over time or in extreme temperature conditions

**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

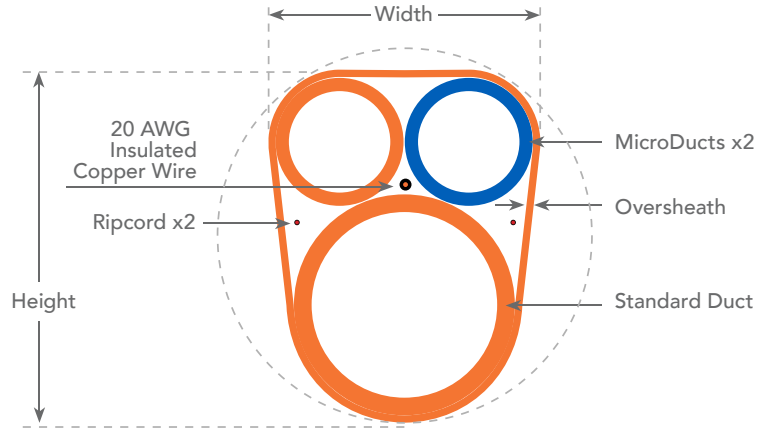
**SEQUENTIAL FOOT OR METER MARKINGS** Custom print streams available

**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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## 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