

**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**



**FEATURES**

<b>STANDARD</b>
<b>MATERIAL HDPE</b> Standard conduit: Smooth Outside/Smooth Inside MicroDuct: Smooth Out/Ribbed In
<b>SILICORE® ULF</b> (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
<b>INTERNAL RIBS</b> standard on MicroDucts only
<b>LOCATE WIRE</b> Available with or without a 20 AWG insulated copper wire
<b>RIP CORD(S)</b> for easy opening of the sheath
<b>SEQUENTIAL FOOT OR METER MARKINGS</b> Custom print streams available
<b>FILL RATIO</b> 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.
<b>STANDARD PACKAGING</b> Available on standard 90" reels with up to 2500' put-ups per reel

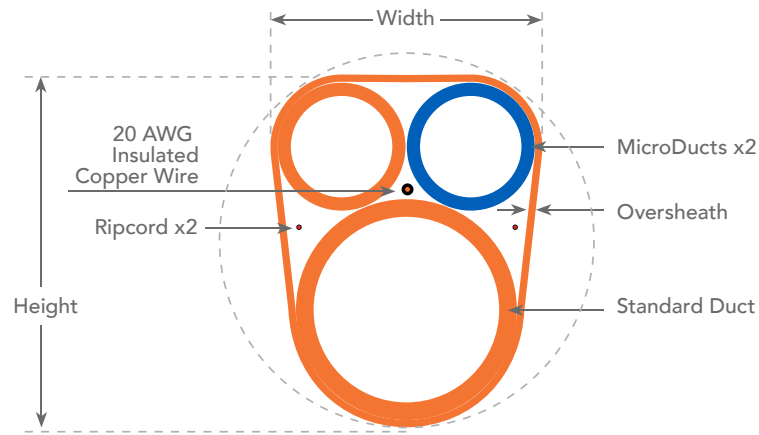


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### FUTUREPATH HYBRID 3-WAY TECHNICAL SPECIFICATIONS

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)	SWPSt (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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