FUTUREPATH HYBRID 6-WAY

- FuturePath configuration mixing variations of popular MicroDuct sizes with common Smoothwall duct sizes and materials
- 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

INSTALLATION TYPES

Plow Trench

Directional Bore

STANDARD COLORS



Custom colors available

CONFIGURATIONS

1.25" True SIDR 9 (x3) + 18/14mm MicroDuct (x3) 1.25" True SIDR 11.5 (x3) + 18/14mm MicroDuct (x3) 1.25" SDR 11 (x3) + 18/14mm MicroDuct (x3) 1.25" SDR 13.5 (x3) + 18/14mm MicroDuct (x3)

1.50" SDR 11 (x3) + 18/14mm MicroDuct (x3)

1.50" SDR 11 (x3) + 22/16mm MicroDuct (x3)

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 1250' put-ups per reel



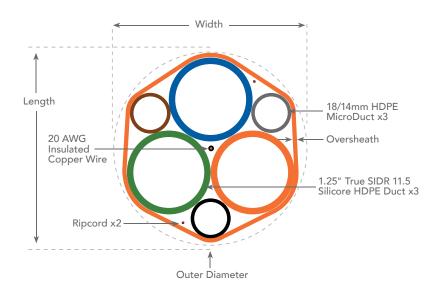




MICROTECHNOLOGY

FUTUREPATH HYBRID 6-WAY





FUTUREPATH HYBRID 6-WAY TECHNICAL SPECIFICATIONS

SPECS FOR	DUCT TYPES	MAX OD (IN)	WIDTH (IN)	HEIGHT (IN)	OVER- SHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)*	BEND RADIUS UNSUP (IN)*	SWPS† (LBS)
	1.25" True SIDR9 +18/14mm [‡]	3.49	3.24	3.45	0.07	1.29	52	87	7021
	1.25" True SIDR11.5 +18/14mm [‡]	3.35	3.12	3.34	0.07	1.116	50	84	5963
	1.25" SDR11 +18/14mm [‡]	3.72	3.46	3.61	0.07	1.448	56	93	7882
	1.25" SDR13.5 +18/14mm [‡]	3.72	3.46	3.61	0.07	1.3	56	93	6880
	1.5" SDR11 +18/14mm [‡]	4.21	3.92	3.97	0.07	1.682	63	105	9162
	1.5" SDR11 +22/16mm [‡]	4.23	3.94	4.14	0.07	1.932	63	106	10,147

^{*} 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

[‡] Individual duct specifications available on the next page

SMOOTHWALL DUCT TECHNICAL SPECIFICATIONS

SPECS FOR	DUCT TYPE	NOM OD (IN)	MIN ID (IN)
	1.25" TRUE SIDR9	1.530	1.230
	1.25" TRUE SIDR11.5	1.488	1.224
	1.25" SDR11	1.660	1.318
	1.25" SDR13.5	1.660	1.374
	1.5" SDR11	1.900	1.512

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





