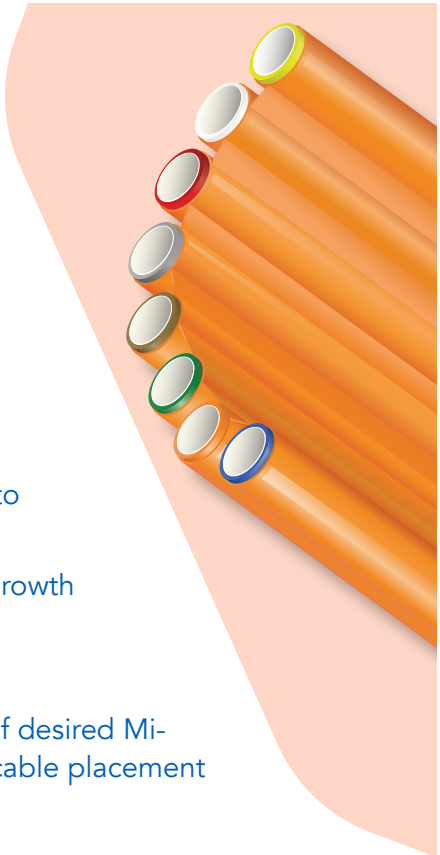
MICROTECHNOLOGY

FUTUREPATH FLEX



- MicroDucts joined by a thin web of HDPE, allowing for easy separation and routing of individual ducts
- Flat shape allows installation in narrow slits, saw cuts, direct buried (traditional trenching) or horizontally bored applications
- Can be placed vertically, horizontally, or rolled into a roundshape or vibratory plow or directional drilling
- Ideal for Micro-Trenching, resulting in reduced soil removal and impact to the right-of-way
- 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
- 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.

INSTALLATION TYPES

Directional Bore
Plow
Micro-Trench

CONFIGURATIONS

2-way
4-way
6-way
8-way

STANDARD COLORS

MicroDuct

Oversheath

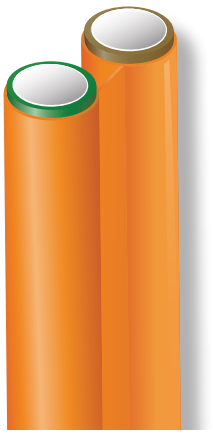
Custom Colors Available

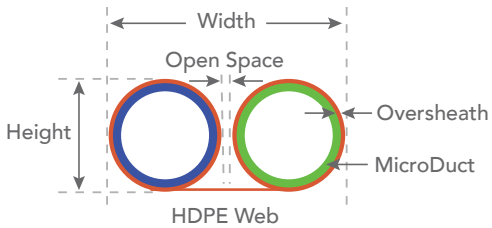
FEATURES

STANDARD
SEQUENTIAL FOOT OR METER MARKINGS Custom print streams available
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 most MicroDucts. (3.5mm ID are designed with a standard smooth interior)

MICROTECHNOLOGY

FUTUREPATH FLEX 2-WAY





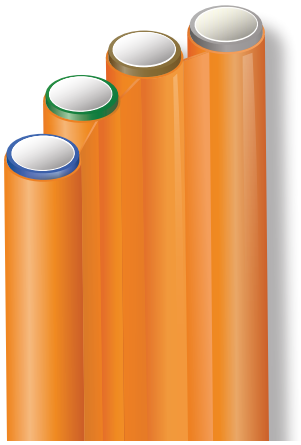
FUTUREPATH FLEX 2-WAY TECHNICAL SPECIFICATIONS

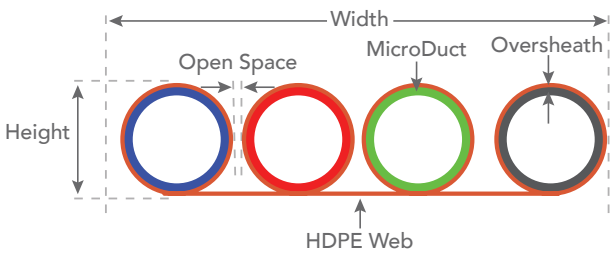
MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	WIDTH (IN)	HEIGHT (IN)	OVER-SHEATH (IN)	WEB THICKNESS	WEIGHT (#/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS† (LBS)
12.7/10	9.8/0.39	1.27	0.118	0.035	0.02	0.118	6	11	630
18/14	13.6/0.54	1.64	0.201	0.04	0.02	0.201	12	20	1081

** 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

MICROTECHNOLOGY

FUTUREPATH FLEX 4-WAY





FUTUREPATH FLEX 4-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	WIDTH (IN)	HEIGHT (IN)	OVER-SHEATH (IN)	WEB THICKNESS	WEIGHT (#/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS† (LBS)
12.7/10	9.8/0.39	2.55	0.57	0.035	0.02	0.238	6	11	1271
18/14	13.6/0.54	3.65	0.78	0.04	0.02	0.411	12	20	2210

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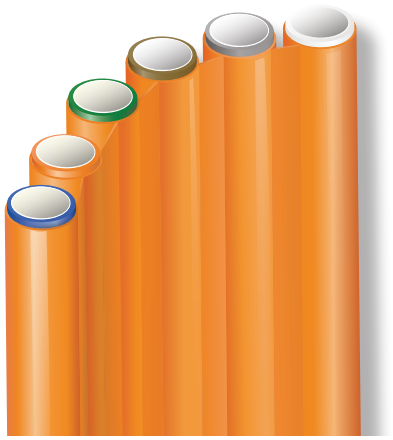
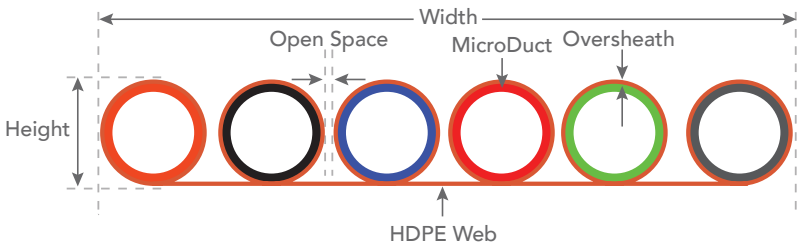
MICROTECHNOLOGY

FUTUREPATH FLEX 6-WAY





FUTUREPATH FLEX 6-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	WIDTH (IN)	HEIGHT (IN)	OVER-SHEATH (IN)	WEB THICKNESS	WEIGHT (#/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS† (LBS)
12.7/10	9.8/0.39	3.82	0.57	0.035	0.02	0.359	6	11	1917
18/14	13.6/0.54	5.37	0.78	0.04	0.02	0.618	12	20	3323

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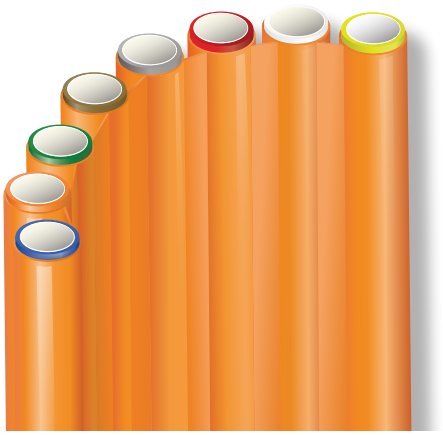
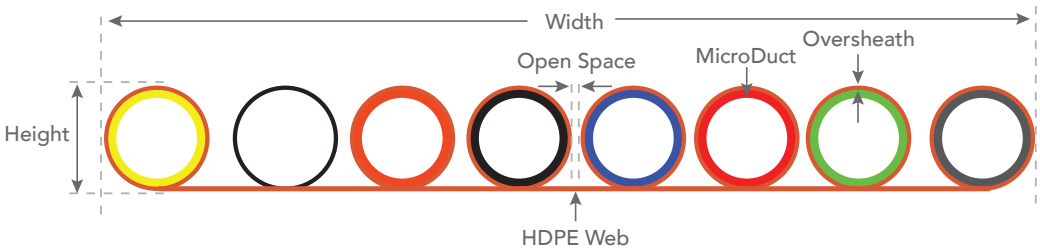
MICROTECHNOLOGY

FUTUREPATH FLEX 8-WAY





FUTUREPATH FLEX 8-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	WIDTH (IN)	HEIGHT (IN)	OVER-SHEATH (IN)	WEB THICKNESS	WEIGHT (#/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS† (LBS)
12.7/10	9.8/0.39	5.09	0.57	0.035	0.02	0.48	6	11	2563

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