

MICROTECHNOLOGY

FUTUREPATH LSZH

- LSZH: Low Smoke Zero Halogen
- MicroDucts ETL verified to UL1685-4 and IEC 60754-1
- Very low smoke generation for better visibility
- Designed for use in applications where smoke, toxic fumes, and acidic gas pose a health risk and possible damage to electronic equipment.
- 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

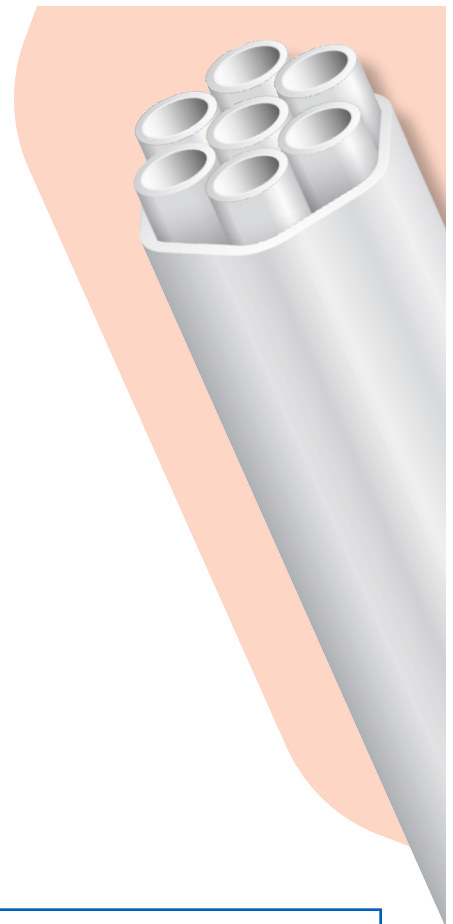
Confined Spaces
Interior

CONFIGURATIONS

2-way 12-way
3-way 19-way
4-way 24-way
7-way

STANDARD COLORS

Chalky White



FEATURES

STANDARD

SPECIFICATIONS/DETAILS LSZH: Low Smoke Zero Halogen. No Halogens make it safer to use in confined spaces

FILL RATIO 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.

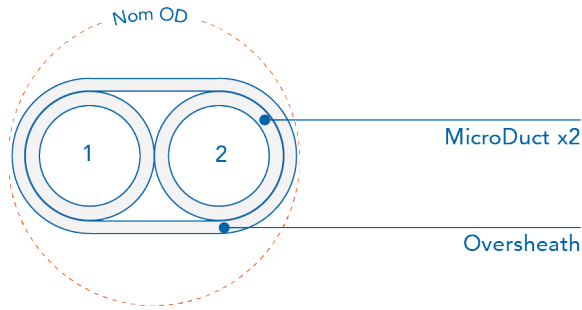
CONDUIT MARKINGS Permanent marking along FuturePath includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.



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FUTUREPATH LSZH 2-WAY TECHNICAL SPECIFICATIONS

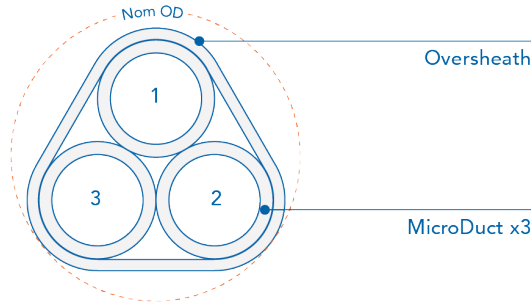


MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
5/3.5	3.4/0.13	0.46	0.030	0.030	7	12	124
8.5/6	5.9/0.23	0.77	0.050	0.088	12	19	354
12.7/10	9.8/0.39	1.10	0.050	0.141	17	28	561

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

* Unsupported Bend Radius guidelines should be followed during the installation process. The Supported Bend Radius are post-installation measurements.

FUTUREPATH LSZH 3-WAY TECHNICAL SPECIFICATIONS

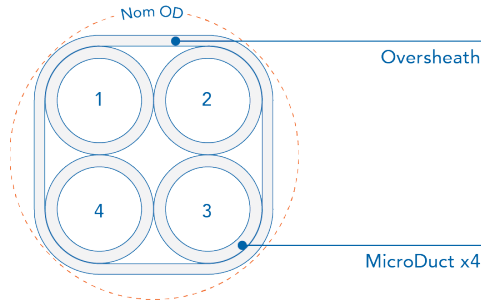


MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
5/3.5	3.4/0.13	0.48	0.040	0.048	7	11	194
8.5/6	5.9/0.23	0.85	0.060	0.129	11	19	518
12.7/10	9.8/0.39	1.14	0.070	0.223	16	27	891

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FUTUREPATH LSZH 4-WAY TECHNICAL SPECIFICATIONS

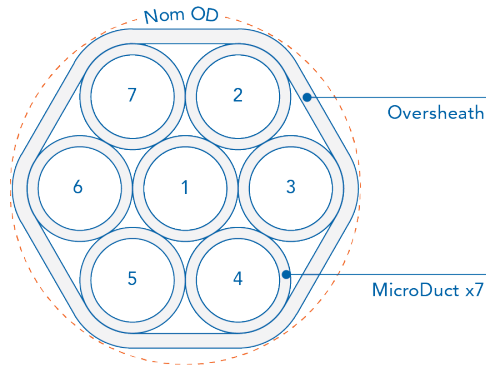


MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
5/3.5	3.4/0.13	0.56	0.040	0.059	7	12	238
8.5/6	5.9/0.23	0.93	0.060	0.159	12	20	634
12.7/10	9.8/0.39	1.35	0.070	0.277	17	29	1,100

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FUTUREPATH LSZH 7-WAY TECHNICAL SPECIFICATIONS

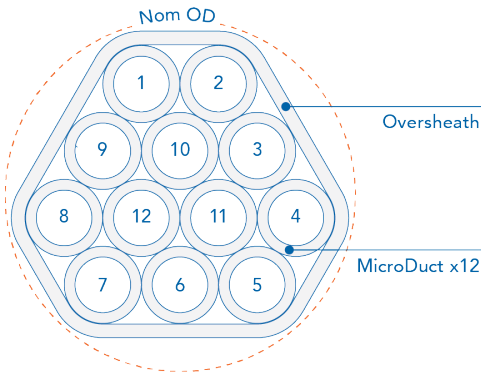


MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
5/3.5	3.4/0.13	0.68	0.040	0.088	9	16	353
8.5/6	5.9/0.23	1.13	0.060	0.242	16	26	951
12.7/10	9.8/0.39	1.64	0.070	0.422	23	38	1,650

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FUTUREPATH LSZH 12-WAY TECHNICAL SPECIFICATIONS

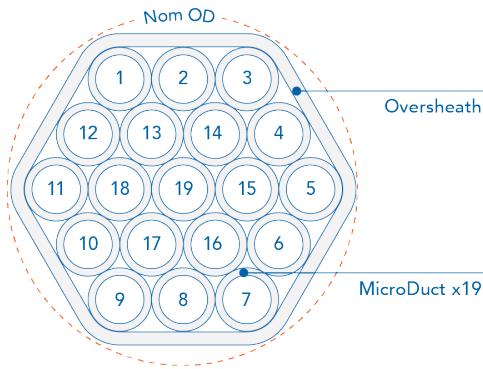
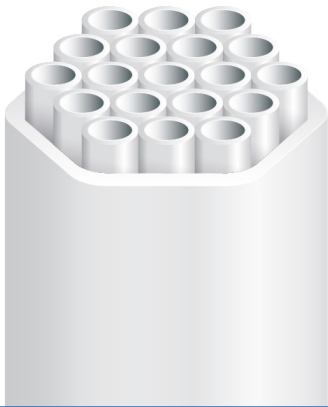


MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
5/3.5	3.4/0.13	0.88	0.040	0.136	12	20	535
8.5/6	5.9/0.23	1.48	0.060	0.376	20	33	1,461

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FUTUREPATH LSZH 19-WAY TECHNICAL SPECIFICATIONS

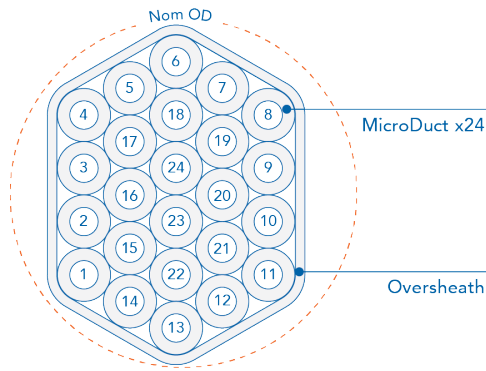
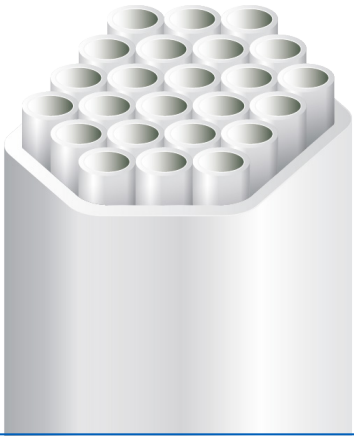


MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
5/3.5	3.4/0.13	1.07	0.040	0.197	14	24	770
8.5/6	5.9/0.23	1.80	0.060	0.553	24	41	2,127

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FUTUREPATH LSZH 24-WAY TECHNICAL SPECIFICATIONS



MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
5/3.5	3.4/0.13	1.27	0.040	0.242	14	24	943
8.5/6	5.9/0.23	2.13	0.060	0.647	21	43	2,567

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

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