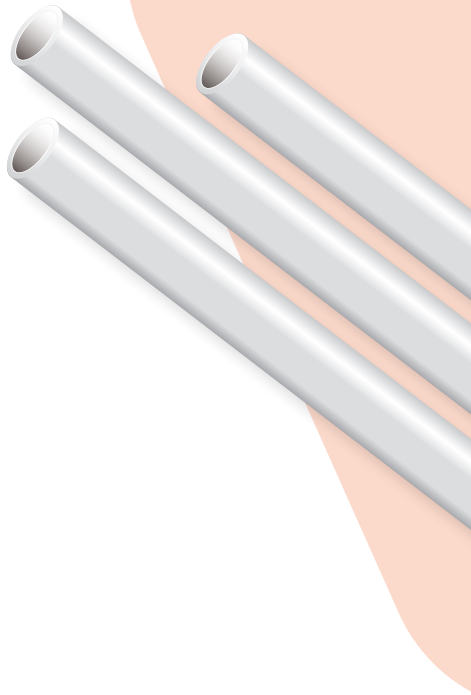
MICROTECHNOLOGY

MICRODUCTS LSZH



- Very low smoke generation for better visibility
- No halogens, safer to use in confined spaces
- 110 PSI maximum installation pressure
- Compatible with standard micro couplers and accessories
- Ships on small, easy to handle reels

INSTALLATION TYPES

Confined Spaces
Interior

SIZE RANGE AVAILABLE (OD/ID MM)

5/3.5	14/10
7/4	16/13
8.5/6	18/14
10/8	22/16
12.7/10	27/20

COLORS

- ☐ Chalky White

FEATURES

STANDARD

SPECIFICATIONS/DETAILS Low Smoke Zero Halogen is verified by the NRTL (Intertek) to ETL standards UL1685-4 and IEC 60754-1, exhibit excellent properties such as low flame propagation, low smoke generation, zero halogen emissions, and excellent low-temperature mechanical properties. ETL VERIFIED UL1685-4 and IEC 60754-1. 12.7 mm – 27 mm meet IEEE-1202 and NFPA-130 requirements

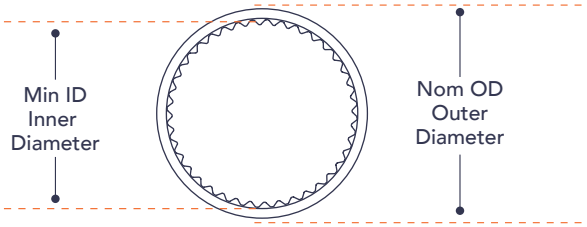
FILL RATIO Choose the correct MicroDuct size based on the Outer Diameter (OD) of desired MicroCable. Dura-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.

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

CO-EXTRUDED LINING No special inner lining

INTERNAL RIBS Unavailable on Low Smoke Zero Halogen products

MICRODUCTS LSZH TECHNICAL SPECIFICATIONS



MICRODUCT SIZE (MM)	NOM OD (MM/IN)	MIN ID (MM/IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LBS)
5/3.5	5/0.197	3.38/0.13	0.006	3	5	28
7/4	7.01/0.276	3.76/0.15	0.017	3	6	76
8.5/6	8.51/0.335	5.92/0.23	0.019	5	8	82
10/8	10.01/0.394	7.92/0.31	0.018	5	10	79
12.7/10	12.7/0.50	9.8/0.39	0.033	5	10	142
14/10	14/0.551	9.68/0.38	0.052	5	11	226
16/13	15.88/0.625	12.67/0.50	0.045	6	13	196
18/14	18.01/0.709	13.59/0.54	0.069	11	18	302
22/16	22/0.866	15.49/0.61	0.121	11	18	528
27/20	26.67/1.05	20.7/0.82	0.138	11	21	603

† 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.