

MICROTECHNOLOGY

MICRODUCTS LSZH

- ▶ LSZH: Low Smoke Zero Halogen
- ▶ MicroDucts are small, 5mm – 27mm in diameter
- ▶ 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	18/14
8.5/6	22/16
12.7/10	27/20
16/13	

COLORS

Chalky White



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

FEATURES



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TL9000



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	5/0.20	3.4/0.13	0.007	2	4	27
8.5/6	8.5/0.34	5.9/0.23	0.021	3	7	77
12.7/10	12.7/0.50	9.8/0.39	0.037	5	10	134
16/13	16/0.63	12.8/0.50	0.050	6	13	183
18/14	18/0.71	13.3/0.52	0.075	7	14	281
22/16	22/0.87	16/0.63	0.121	9	17	452
27/20	26.7/1.05	20.7/0.81	0.150	11	21	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.



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