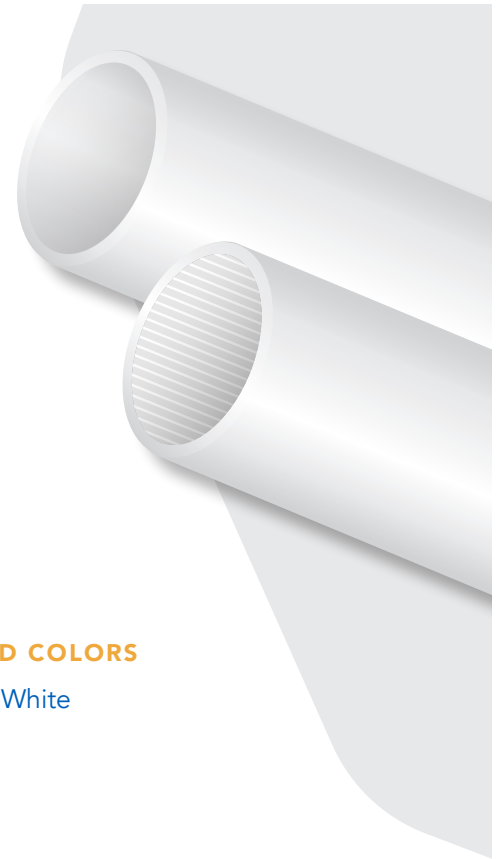


SPECIALTY

LSZH

- LSZH: Low Smoke Zero Halogen
- Very low smoke generation for better visibility
- Available Smooth Out/Smooth In and Smooth Out/Ribbed In
- No halogens, safer to use in confined spaces
- 150 PSI maximum installation pressure
- Compatible with standard couplers and accessories



INSTALLATION TYPES

Inner Duct
Tunnel Walls
Data Centers
Confined Spaces

SIZE RANGE

0.5"
0.75"
1.0"
1.25"

WALL TYPES

SCH 40
SCH 80
SDR 11
SDR 13.5

STANDARD COLORS

Chalky White

FEATURES

STANDARD

FOOTAGE MARKINGS Sequential foot or meter markings. Custom print streams available.

ETL VERIFIED to UL1685-4, IEC 60754-1, IEEE-1202, NFPA-130

LSZH CONDUIT TECHNICAL SPECIFICATIONS

WALL TYPE	NOMINAL SIZE (IN)	0.5"	0.75"	1"	1.25"
	AVERAGE OD (IN)	0.840	1.050	1.315	1.660
BEND RADIUS SUP/UNSUP (IN)	8/16	10/20	13/26	17/34	
SCH 40	MIN. WALL + TOLERANCE (IN)	0.109 + 0.020	0.113 + 0.020	0.133 + 0.020	0.140 + 0.020
	MIN ID (IN)	0.578	0.779	1.002	1.332
	WT/FT (LBS)	0.129	0.172	0.252	0.304
	SWPS (LBS)†	339	450	756	1,264
SCH 80	MIN. WALL + TOLERANCE (IN)	0.147 + 0.020	0.154 + 0.020	0.179 + 0.020	0.191 + 0.023
	MIN ID (IN)	0.502	0.697	0.910	1.224
	WT/FT (LBS)	0.161	0.218	0.324	0.401
	SWPS (LBS)†	433	587	1,209	1,667
SDR 11	MIN. WALL + TOLERANCE (IN)	0.076 + 0.020	0.095 + 0.020	0.120 + 0.020	0.151 + 0.020
	MIN ID (IN)	0.644	0.815	1.028	1.310
	WT/FT (LBS)	0.097	0.149	0.231	0.325
	SWPS (LBS)†	248	387	608	1,365
SDR 13.5	MIN. WALL + TOLERANCE (IN)	0.062 + 0.020	0.078 + 0.020	0.097 + 0.020	0.123 + 0.020
	MIN ID (IN)	0.672	0.849	1.074	1.366
	WT/FT (LBS)	0.084	0.122	0.194	0.270
	SWPS (LBS)	206	321	504	1,123

LSZH NOTES

- Bend Radius
 $\frac{1}{2}$ " through 1 $\frac{1}{2}$ " Supported Bend Radius 10 times the OD Unsupported Bend Radius 20 times the OD
- During cable placement, large sweeping bends are recommended over tighter bends. Pre-formed sweeps are recommended for conduit sizes 8" through 16" diameters.
- SWPS (Safe Working Pull Strength) is calculated using a 25% safety factor with the minimum resin tensile strength of 3,000 psi, the average OD and average wall thickness.
- Internal or external ribs are in addition to the average wall and for determining OD and ID dimensions. The average rib height to be added is 0.020".
- Add 0.016 #/ft for ribbed products 1 $\frac{1}{2}$ " and less. For 2" and larger, add 0.025 #/ft.