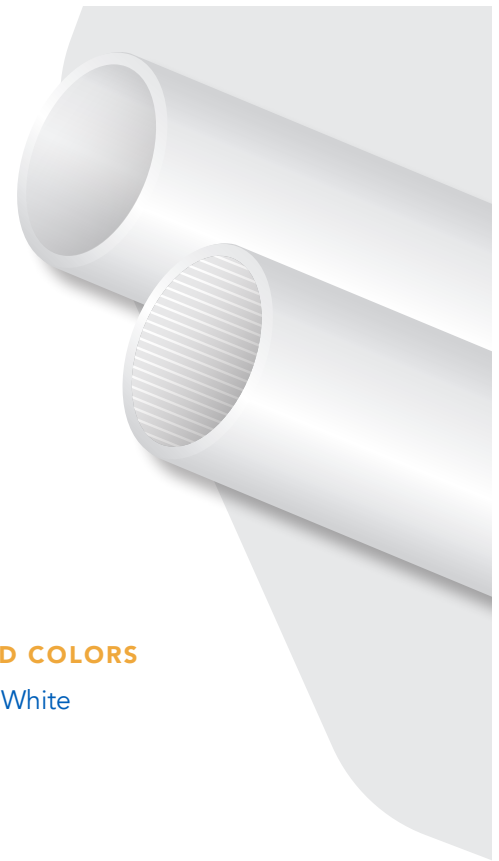


## SPECIALTY

# 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



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TL9000



## 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.