

SPECIALTY

LOW SMOKE ZERO HALOGEN

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

INSTALLATIONS

Confined Spaces
Interior

SIZE RANGE

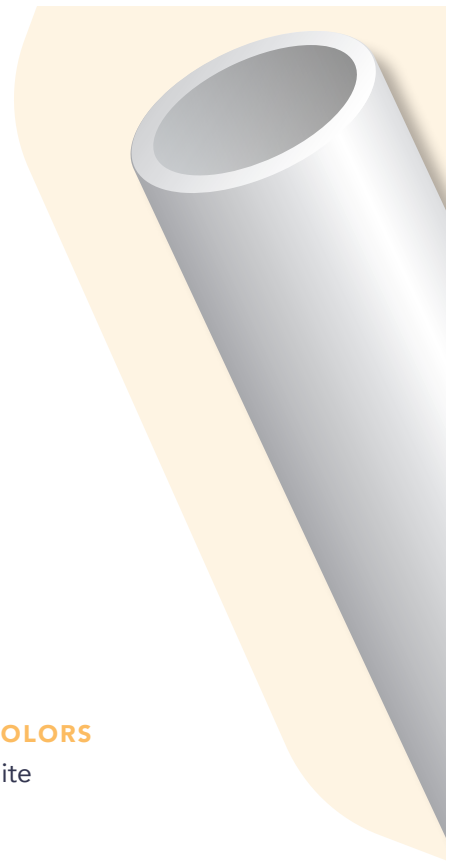
1"
1 1/4"

WALL TYPES

SCH 40
SDR 13.5

STANDARD COLORS

Chalky White



STANDARD

FEATURES

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

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

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

LOW SMOKE ZERO HALOGEN TECHNICAL SPECIFICATIONS

	WALL TYPE	NOMINAL OD (IN)	OD TOLERANCE +/-	MIN WALL (IN)	WALL TOLERANCE +	AVG ID (IN)	MIN ID (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS (LB)
1"	SCH 40	1.315	0.007	0.133	0.020	1.029	1.002	0.252	13	26	756
	SDR 13.5	1.315	0.007	0.097	0.020	1.101	1.074	0.194	13	26	504
1 1/4"	SCH 40	1.660	0.008	0.140	0.020	1.360	1.332	0.304	17	34	1,264
	SDR 13.5	1.660	0.008	0.123	0.020	1.394	1.366	0.270	17	34	1,123

LSZH NOTES

- Bend Radius**
1" through 1 1/4" 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 1/2" and less.



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