

## 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

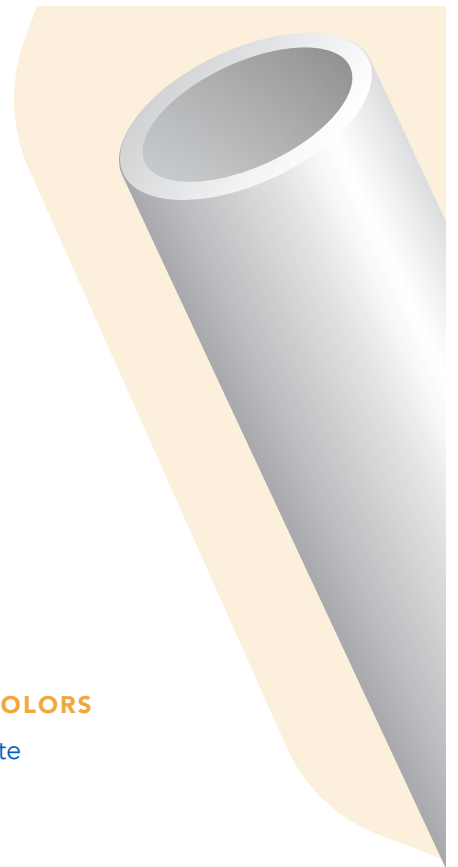
1/2"  
3/4"  
1"  
1 1/4"

### WALL TYPES

SCH 40  
SDR 13.5

### STANDARD COLORS

Chalky White



## FEATURES

### STANDARD

**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.



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TL9000



## 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)
1/2"	SCH 40	0.840	0.004	0.109	0.020	0.602	0.578	0.129	8	16	339
	SDR 13.5	0.840	0.004	0.062	0.020	0.696	0.672	0.084	8	16	206
3/4"	SCH 40	1.050	0.005	0.113	0.020	0.804	0.779	0.172	10	20	450
	SDR 13.5	1.050	0.005	0.078	0.020	0.874	0.849	0.122	10	20	321
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

1. Bend Radius  
1/2" through 1 1/2" Supported Bend Radius 10 times the OD Unsupported Bend Radius 20 times the OD
2. During cable placement, large sweeping bends are recommended over tighter bends. Pre-formed sweeps are recommended for conduit sizes 8" through 16" diameters.
3. 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.
4. 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".
5. Add 0.016 #/ft for ribbed products 1 1/2" and less. For 2" and larger, add 0.025 #/ft.