LSE

150°C Flame retardant heat shrink tubing

Features and Application

2:1 shrink ratio

Flame retardant

Good resistance to common fluids and solvents

Operating temperature: -55°C to 150°C

Fully shrink temperature: ≥135°C

RoHS compliant

UL E361238

Dimensions 2:1 (2X)

SIZE		AS SUP-PLIED	AFTER RECOVERY		STANDARD PACKAGE
Inch	mm	INTERNAL DIAMETER mm(min)	INTERNAL DIAMETER mm(max)	WALL THICK-NESS mm(nom)	SPOOL LENGTH m/spool
3/64	1,2	≥1,2	≤0,6	0,40±0,08	150
1/16	1,6	≥1,6	≤0,8	0,43±0,08	150
3/32	2,4	≥2,4	≤1,2	0,51±0,08	150
1/8	3,2	≥3,2	≤1,6	0,51±0,08	150
3/16	4,8	≥4,8	≤2,4	0,51±0,08	75
1/4	6,4	≥6,4	≤3,2	0,64±0,08	75
3/8	9,5	≥9,5	≤4,8	0,64±0,08	75
1/2	12,7	≥12,7	≤6,4	0,64±0,08	50
5/8	16,0	≥16,0	≤8,0	0,76±0,08	50
3/4	19,0	≥19,0	≤9,5	0,76±0,08	30
1	25,4	≥25,4	≤12,7	0,89±0,12	30
1-1/4	31,8	≥31,8	≤15,9	1,02±0,15	30
1-1/2	38,0	≥38,0	≤19,0	1,02±0,15	30
2	50,8	≥50,8	≤25,4	1,14±0,18	30
3	76,0	≥76,0	≤38,0	1,27±0,20	15
4	101,6	≥101,6	≤50,8	1,40±0,20	15

Technical Data

Property	Test Method	Standard Performance
Tensile strength（MPa）	ASTM D 2671	≥10,4
Ultimate elongation（%）	ASTM D 2671	≥200
Tensile strength after heat aged（MPa）	180℃×180h	≥7,3
Ultimate elongation after heat aged（%）	180℃×180h	≥100%
Corrosion	UL 224	No Corrosion
Flammability	ASTM D 2671 C method	VW-1
Voltage withstand	UL 224 2500V, 60s	No breakdown
Heat shock	UL 224, 250℃×4h	No cracks, flowing or dripping
Cold bend	UL 224 -30℃×1h	No cracks
Dielectric strength（kV/mm）	ASTM D 149	≥19,7
Volume resistivity（Ω·cm）	ASTM D 876	$\geq 10^{14}$
Water absorption（%）	UL 224	≤0,5