

LSH



Thin wall halogen free, flexible heat shrink tubing

Features and Application

Thin wall

Flexible

Halogen free

Flame retardant UL 224

low smoke generation if burning

Continuous operating Temperature: -55°C to 125°C

Minimum shrink temperature: 125°C

RoHS and Sony compliant

Clear not flame retardant 105°C

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	0,33±0,10	200
1/16	1,6	≥1,6	≤0,8	0,36±0,10	200
3/32	2,4	≥2,4	≤1,2	0,45±0,10	200
1/8	3,2	≥3,2	≤1,6	0,45±0,10	200
3/16	4,8	≥4,8	≤2,4	0,56±0,10	100
1/4	6,4	≥6,4	≤3,2	0,56±0,10	100
3/8	9,5	≥9,5	≤4,8	0,56±0,10	100
1/2	12,7	≥12,7	≤6,4	0,56±0,10	100
5/8	16,0	≥16,0	≤8,0	0,70±0,10	100
3/4	19,1	≥19,1	≤9,5	0,70±0,10	100
1	25,4	≥25,4	≤12,7	0,90±0,15	50
1-1/4	31,8	≥31,8	≤15,9	1,00±0,15	50
1-1/2	38,1	≥38,1	≤19,0	1,00±0,15	50
2	50,8	≥50,8	≤25,4	1,10±0,15	25
3	76,2	≥76,2	≤38,0	1,46±0,20	25
4	101,6	≥101,6	≤50,8	1,46±0,20	25

other diameters upon request

TECHNICAL DATA SHEET

Revision Number. 1

Last Edited 18. august 2023

Dimensions 3:1 (3X)

SIZE		AS SUPPLIED	AFTER RECOVERY		STANDARD PACKAGE
Inch	mm	INTERNAL DIAMETER mm(min)	INTERNAL DIAMETER mm(max)	WALL THICKNESS mm(nom)	SPOOL LENGTH m/spool
1/16	1,6	≥1,6	≤0,5	0,45±0,10	200
1/8	3,2	≥3,2	≤1,0	0,55±0,10	200
3/16	4,8	≥4,8	≤1,5	0,60±0,10	100
1/4	6,4	≥6,4	≤2,0	0,65±0,10	100
3/8	9,5	≥9,5	≤3,0	0,75±0,15	100
1/2	12,7	≥12,7	≤4,0	0,75±0,15	100
5/8	16,0	≥16,0	≤5,0	0,80±0,15	100
3/4	19,1	≥19,1	≤6,0	0,85±0,15	100
1	25,4	≥25,4	≤8,0	1,00±0,20	50
1-1/4	31,8	≥31,8	≤10,0	1,15±0,20	50
1-1/2	38,1	≥38,1	≤13,0	1,50±0,20	50
2	50,8	≥50,8	≤16,0	2,50±0,20	25
3	76,2	≥76,2	≤25,0	2,60±0,20	25
4	101,2	≥101,2	≤33,0	2,60±0,20	25

Technical Data

Property	Test Method	Standard Performance
Tensile strength (MPa)	ASTM D 2671	≥10,4
Ultimate elongation (%)	ASTM D 2671	≥200
Tensile strength after	158°C×168h	≥7,3
Ultimate elongation after	158°C×168h	≥100
Longitudinal change(%)	ASTM D 2671	-5% ~+5
Flammability	ASTM D 2671 C method	VW-1
Dielectric strength (kV/mm)	ASTM D 149	≥15
Volume resistivity (Ω·cm)	ASTM D 876	≥10 ¹⁴

Black (BK)	Clear* (CL)	White (WH)	Red (RD)	Yellow (YE)	Green (GN)	Blue (BU)	Grey (GY)	Brown (BN)	Orange (OG)	Violet (VT)	Green/Yellow (GNYE)