

LSC



Universal heat shrink polyolefin tubing with excellent physical and mechanical properties.

Features and Application

Flexible

Flame retardant, UL224 VW-1

Operating temperature: -55°C to 125°C

Fully shrink temperature: $\geq 125^{\circ}\text{C}$

clear colour not flame retardant - clear colour operating temperature 105°C

RoHS compliant

UL E361238

Dimensions 2:1 (2X)

SIZE		AS SUPPLIED	AFTER RECOVERY		STANDARD PACKAGE
Inch	mm	INTERNAL DIAMETER mm(min)	INTERNAL DIAMETER mm(max)	WALL THICKNESS mm	SPOOL LENGTH m/spool
3/64	1,2	$\geq 1,2$	$\leq 0,6$	0,33 \pm 0,10	200
1/16	1,6	$\geq 1,6$	$\leq 0,8$	0,36 \pm 0,10	200
3/32	2,4	$\geq 2,4$	$\leq 1,2$	0,45 \pm 0,10	200
1/8	3,2	$\geq 3,2$	$\leq 1,6$	0,45 \pm 0,10	200
3/16	4,8	$\geq 4,8$	$\leq 2,4$	0,56 \pm 0,10	100
1/4	6,4	$\geq 6,4$	$\leq 3,2$	0,56 \pm 0,10	100
3/8	9,5	$\geq 9,5$	$\leq 4,8$	0,56 \pm 0,10	100
1/2	12,7	$\geq 12,7$	$\leq 6,4$	0,56 \pm 0,10	100
5/8	16,0	$\geq 16,0$	$\leq 8,0$	0,70 \pm 0,10	100
3/4	19,0	$\geq 19,0$	$\leq 9,5$	0,70 \pm 0,10	100
1	25,4	$\geq 25,4$	$\leq 12,7$	0,90 \pm 0,15	50
1-1/4*	30,0	$\geq 30,0$	$\leq 15,0$	1,00 \pm 0,15	50
1-1/4	31,8	$\geq 31,8$	$\leq 15,9$	1,00 \pm 0,15	50
1-1/2	38,1	$\geq 38,0$	$\leq 19,0$	1,00 \pm 0,15	50
2	50,8	$\geq 50,8$	$\leq 25,4$	1,10 \pm 0,15	25
3	76,0	$\geq 76,0$	$\leq 38,0$	1,46 \pm 0,20	25
4	101,6	$\geq 101,6$	$\leq 50,8$	1,46 \pm 0,20	25

other diameters upon request

*special size on request

TECHNICAL DATA SHEET

Revision Number. 1

Last Edited 6. juli 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

other diameters upon request

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)	158°C×168hr	≥7.3
Ultimate elongation after heat aged (%)	158°C×168h	≥100
Longitudinal change(%)	ASTM D 2671	-5%~%5+
Flammability	ASTM D 2671 C method	VW-1
Voltage withstand	UL 224, 2500V, 60s	No breakdown
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)
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