

LST



Ultra thin wall, very flexible polyolefin Heat shrink tubing

Features and Application

Ultra thin wall
 Very flexible
 Flame retardant UL 224
 Continuous operating Temperature: -55°C to 125°C
 Fully shrink temperature: $\geq 110^{\circ}\text{C}$
 transparent colour not flame retardant 105°C
 RoHS
 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(nom)	SPOOL LENGTH m/spool
3/64	1,2	$\geq 1,2$	$\leq 0,6$	0,20 \pm 0,10	150
1/16	1,6	$\geq 1,6$	$\leq 0,8$	0,20 \pm 0,10	150
3/32	2,4	$\geq 2,4$	$\leq 1,2$	0,22 \pm 0,10	150
1/8	3,2	$\geq 3,2$	$\leq 1,6$	0,28 \pm 0,10	150
3/16	4,8	$\geq 4,8$	$\leq 2,4$	0,30 \pm 0,10	75
1/4	6,4	$\geq 6,4$	$\leq 3,2$	0,32 \pm 0,10	75
3/8	9,5	$\geq 9,5$	$\leq 4,8$	0,35 \pm 0,10	75
1/2	12,7	$\geq 12,7$	$\leq 6,4$	0,40 \pm 0,10	50
5/8	16,0	$\geq 16,0$	$\leq 8,0$	0,40 \pm 0,10	50
3/4	19,0	$\geq 19,0$	$\leq 9,5$	0,42 \pm 0,10	30
1	25,4	$\geq 25,4$	$\leq 12,7$	0,45 \pm 0,10	30

Technical Data

Property	Test Method	Standard Performance
Tensile strength (MPa)	ASTM D 2671	$\geq 10,4$
Ultimate elongation (%)	ASTM D 2671	≥ 200
Tensile strength after heat aged (MPa)	158°C \times 168h	≥ 7.3
Ultimate elongation after heat aged (%)	158°C \times 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 ($\Omega\cdot\text{cm}$)	ASTM D 876	$\geq 10^{14}$
Rated Voltage	300V	