LINK SOLUTIONS

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: ≥110°C
transparent colour not flame retardant 105°C
RoHS
UL E361238

Dimensions 2:1 (2X)

SIZE		AS SUPP-LIED	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	0,20±0,10	150
1/16	1,6	≥1,6	≤0,8	0,20±0,10	150
3/32	2,4	≥2,4	≤1,2	0,22±0,10	150
1/8	3,2	≥3,2	≤1,6	0,28±0,10	150
3/16	4,8	≥4,8	≤2,4	0,30±0,10	75
1/4	6,4	≥6,4	≤3,2	0,32±0,10	75
3/8	9,5	≥9,5	≤4,8	0,35±0,10	75
1/2	12,7	≥12,7	≤6,4	0,40±0,10	50
5/8	16,0	≥16,0	≤8,0	0,40±0,10	50
3/4	19,0	≥19,0	≤9,5	0,42±0,10	30
1	25,4	≥25,4	≤12,7	0,45±0,10	30

Technical Data

Property	Test Method	Standard Perfor-
Tensile strength（MPa）	ASTM D 2671	≥10,4
Ultimate elongation（%）	ASTM D 2671	≥200
Tensile strength after heat aged（MPa）	158°C×168h	≥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
Dielectric strength（kV/mm）	ASTM D 149	≥15
Volume resistivity（Ω·cm）	ASTM D 876	$\geq 10^{14}$
Rated Voltage	300V	

TECHNICAL DATA SHEET

Revision Number. 1
Last Edited 23. marts 2023