

LSMN



Medium Wall Adhesive-lined Cross-linked Polyolefin Heat Shrink Tubing

Medium Wall Heat shrinkable tubing suitable for a variety of low voltage electrical and mechanical application, where lighter weight and greater flexibility are important.

Features and Application

3:1 shrink ratio, non flame retardant

Seal and protect cable splice and terminations

Rugged mechanical protection

Complete moisture sealing

Strain relief for delicate wire connections

High resistance to impact and abrasion

Thermoplastic adhesive liner for complete environmental protection and insulation

Continuous operating temperature: -45°C-110°C

Shrinking temperature: 125°C

RoHS compliant

Technical Data

Property	Test method	Standard Performance
Tensile strength(MPa)	ASTMD 2671	≥12
Elongation(%)	ASTMD 2671	≥300
Tensile strength after aging(MPa)	UL224 158°C*168h	≥8,4
Elongation after aging (%)	UL224 158°C*168h	≥200
Dielectric strength(kV/mm)	IEC 60243	≥15
Volume resistivity(Ω.cm)	IEC 60093	≥10 ¹⁴
Longitudinal Shrink Ratio (%)	UL224	≤± 10%

Adhesive

Property	Test method	Standard Performance
Water Absorption	ASTM D 570	<0,2%
Softening Point(°C)	ASTM E 28	95
Peel strength (PE)	ASTMD 1000	120N/25mm
Peel strength (AL)	ASTMD 1000	80N/25mm

Dimensions

Size	As Supplied (mm)	After Recovery (mm)				Standard Package
mm	Internal Diameter mm(min)	Internal Diameter mm(max)	Jacket Thickness mm(nom)	Adhesive Thickness mm(nom)	Total Wall Thickness mm(nom)	m/pcs
6,0/2,0	≥6,0	≤2,0	1,40±0,20	0,45±0,15	1,85±0,30	1,22
8,0/2,0	≥8,0	≤2,0	1,40±0,20	0,45±0,15	1,85±0,30	1,22
10,2/3,0	≥10,2	≤3,0	1,40±0,20	0,50±0,15	1,90±0,30	1,22
12,0/3,0	≥12,0	≤3,0	1,40±0,20	0,50±0,15	1,90±0,30	1,22
16,0/5,0	≥16,0	≤5,0	1,50±0,20	0,55±0,20	2,15±0,35	1,22
19,1/5,6	≥19,1	≤5,6	1,80±0,20	0,60±0,20	2,40±0,40	1,22
22,0/6,0	≥22,0	≤6,0	2,00±0,30	0,60±0,20	2,60±0,40	1,22
25,0/8,0	≥25,0	≤8,0	2,00±0,30	0,65±0,20	2,70±0,40	1,22
28,0/6,0	≥28,0	≤6,0	2,40±0,30	0,95±0,25	3,30±0,45	1,22
33,0/8,0	≥33,0	≤8,0	2,50±0,30	0,80±0,25	3,30±0,45	1,22
38,1/12,0	≥38,1	≤12,0	2,40±0,30	0,80±0,25	3,30±0,45	1,22
43,2/12,7	≥43,2	≤12,7	2,40±0,30	0,80±0,25	3,30±0,45	1,22
55,0/16,0	≥55,0	≤16,0	2,40±0,30	0,80±0,25	3,30±0,45	1,22
65,0/19,0	≥65,0	≤19,0	2,50±0,30	0,80±0,25	3,30±0,45	1,22
75,0/22,0	≥75,0	≤22,0	2,90±0,30	0,80±0,25	3,70±0,50	1,22
85,0/25,0	≥85,0	≤25,0	2,90±0,30	0,80±0,25	3,70±0,50	1,22
95,0/30,0	≥95,0	≤30,0	3,00±0,30	0,80±0,25	3,70±0,50	1,22
115,0/34,0	≥115,0	≤34,0	3,00±0,30	0,80±0,25	3,70±0,50	1,22
140,0/42,0	140,0	≤42,0	3,00±0,30	0,80±0,25	3,70±0,50	1,22
160,0/50,0	160,0	≤50,0	3,10±0,30	0,80±0,25	3,70±0,50	1,00
180,0/65,0	180,0	≤65,0	3,10±0,30	0,80±0,25	3,70±0,50	1,00
200,0/69,0	200,0	≤69,0	3,10±0,30	0,80±0,25	3,70±0,50	1,00
230,0/78,0	230,0	≤78,0	3,10±0,30	0,80±0,25	3,70±0,50	1,00