

LSMF



Flame Retardant Medium Wall Adhesive Lined Heat Shrink Tubing

Medium wall adhesive-lined heat Shrink tubing suitable for a variety of low voltage electrical and mechanical application, where lighter weight and greater flexibility are important.

Features and Application

Seals and protects cable splices and terminations

High resistance to impact and abrasion

Thermoplastic adhesive liner for complete environmental protection and insulation

Continuous operating temperature: -45°C-125°C

Shrink Temperature:125°C

Tubing without adhesive is available upon request

Standard color is black, other color is available upon request

Dimensions

Size	Expand- ed	After Recovery				Standard Package M/pc
		Internal Diameter mm(min)	Internal Diameter mm(max)	Outer wall Thickness mm(nom)	Adhesive Thickness mm(nom)	
10,2/3,0	≥10,2	≤3,0	1,40±0,20	0,35±0,15	1,75±0,30	1,22
16,0/5,0	≥16,0	≤5,0	1,50±0,20	0,40±0,15	1,90±0,30	1,22
19,1/5,6	≥19,1	≤5,6	2,00±0,20	0,45±0,20	2,45±0,40	1,22
25/8	≥25,0	≤8,0	2,00±0,25	0,45±0,20	2,45±0,40	1,22
28/9	≥28,0	≤9,0	2,00±0,25	0,50±0,20	2,60±0,40	1,22
35/10,2	≥35,0	≤10,2	2,20±0,25	0,78±0,20	2,70±0,40	1,22
38,1/12	≥38,1	≤12,0	2,20±0,25	0,50±0,20	2,70±0,40	1,22
43,2/12,7	≥43,2	≤12,7	2,20±0,25	0,50±0,20	2,70±0,40	1,22
52,1/16	≥52,1	≤16,0	2,30±0,25	0,50±0,20	2,80±0,45	1,22
55/16	≥55,0	≤16,0	2,30±0,25	0,50±0,20	2,80±0,45	1,22
63/19	≥63,0	≤19,0	2,50±0,35	0,50±0,20	3,00±0,45	1,22
75/22	≥75,0	≤22,0	2,60±0,35	0,50±0,20	3,00±0,45	1,22
85/25	≥85,0	≤25,0	2,80±0,35	0,50±0,20	3,30±0,45	1,22
95/29	≥95,0	≤29,0	3,10±0,45	0,60±0,20	3,70±0,50	1,22
115/34	≥115,0	≤34,0	3,10±0,45	0,60±0,20	3,70±0,50	1,22
140/42	≥140,0	≤42,0	3,10±0,45	0,60±0,20	3,70±0,50	1,22
160/48	≥160,0	≤48,0	3,10±0,45	0,60±0,20	3,70±0,50	1,22
180/58	≥180,0	≤58,0	3,10±0,45	0,60±0,20	3,70±0,50	1,22
200/60	≥200,0	≤60,0	3,10±0,45	0,60±0,20	3,70±0,50	1,22
230/69	≥230,0	≤69,0	3,10±0,45	0,60±0,20	3,70±0,50	1,22

Technical Data

Property	Test method	Standard Performance
Tensile strength(MPa)	ASTM D 2671	≥10,4
Elongation(%)	ASTM D 2671	≥200
Tensile strength after aging(MPa)	UL224 158°C*168h	≥7.3
Elongation after aging (%)	UL224 158°C*168h	≥100
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)	ASTM D 1000	120N/25mm
Peel strength (AL)	ASTM D 1000	80N/25mm