



J. M. Engineering Co.

PRODUCTS

Heat Shrink Sleeves Dual Wall Heat Shrink Sleeves



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SBRSM-NF

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

- 3:1 shrink ratio, not 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 - 125
- Fully shrink temperature: 125
- RoHS compliant

Dimensions

Size	Expanded	After Recovery				Standard Package
		Internal Diameter mm	Jacket Thickness mm	Adhesive Thickness mm	Total Wall Thickness mm	
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

Note: Tubing without adhesive is available upon request

Technical Data

Property	Test Method	Standard	Typical Performance
Tensile Strength(MPa)	ASTM D2671	14	15
Elongation(%)	ASTM D2671	400	450
Tensile Strength after aging (MPa)	UL224 158 X168hr	12	12.5
Elongation after aging(%)	UI224 158 X168hr	300	350
Dielectric strength(kV/mm)	IEC 60243	15	17.5
Volume resistivity(.cm)	IEC 60093	1X10 ¹⁴	2.5X10 ¹⁴

Adhesive

Property	Test Method	Standard
Water Absorption	ASTM D570	0. 2%
Sofening Point()	ASTM E28	95± 5
Strength of pearing(PE)	ASTM D 1000	120N/25mm
Strength of pearing(AL)	ASTM D 1000	80N/25mm