



J. M. Engineering Co.

A collage of images related to engineering and industry, including a blue and white airplane, various colored heat shrink sleeves, rolls of yellow and green sleeves, a circuit board, and wind turbines. A yellow square is positioned behind the 'PRODUCTS' text.

PRODUCTS

A light gray world map is visible in the background of the central section.

Heat Shrink Sleeves

Dual Wall Heat Shrink Sleeves



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SBRWSW

Flame Retardant Adhesive-Lined Heavy Wall Cross-linked Polyolefin Heat Shrink Tubing

Adhesive-lined heavy wall heat shrink tubing insulates and protects electrical splice and terminations where maximum flame retardancy and exceptional insulating and sealing characteristics are required.



Features

- 3:1 shrink ratio
- Flame retardant
- SBRWSW tubing will not split or rupture during installation, when overheated
- Thermoplastic adhesive liner for complete environmental protection and insulation
- Continuous operating temperature: -45 - 125
- Fully shrink temperature: 125

Dimensions

Size	Expanded	After Recovery				Standard Package M/pc
		Internal Diameter mm	Jacket Thickness mm	Adhesive Thickness mm	Total Wall Thickness mm	
9.0/3.0	9.0	3.0	2.00±0.35	0.45±0.20	2.45±0.35	1.22
13.0/4.0	13.0	4.0	2.30±0.35	0.45±0.20	2.80±0.35	1.22
20.0/6.0	20.0	6.0	2.30±0.35	0.60±0.20	2.90±0.35	1.22
28.0/9.0	28.0	9.0	2.30±0.35	0.70±0.20	3.00±0.40	1.22
33.0/10.2	33.0	10.2	2.80±0.35	0.70±0.20	3.60±0.40	1.22
38.1/12.0	38.1	12.0	3.10±0.35	0.70±0.20	3.85±0.50	1.22
43.2/12.7	43.2	12.0	3.50±0.35	0.70±0.20	4.20±0.50	1.22
51.0/16.0	55.0	16.0	3.85±0.40	0.70±0.20	4.50±0.50	1.22
70.0/21.0	75.0	22.0	3.65±0.40	0.70±0.20	4.40±0.50	1.22
85.0/25.0	85.0	25.0	3.65±0.40	0.70±0.20	4.40±0.50	1.22
105.0/30.0	105.0	30.0	3.85±0.40	0.70±0.20	4.50±0.50	1.22
120.0/36.0	120.0	36.0	3.85±0.40	0.70±0.20	4.50±0.50	1.22
130.0/36.0	130.0	36.0	3.85±0.40	0.70±0.20	4.50±0.50	1.22
140.0/42.0	140.0	42.0	3.85±0.40	0.70±0.20	4.50±0.50	1.22

Note: Tubing without adhesive is available upon request

Technical Data

Property	Test Method	Standard	Typical Performance
Tensile Strength(MPa)	ASTM D2671	10.4	11.5
Elongation(%)	ASTM D2671	300	450
Tensile Strength after aging (MPa)	UL224 158 X168hr	7.3	8.5
Elongation after aging(%)	UI224 158 X168hr	200	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