



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 word 'PRODUCTS'.

PRODUCTS

Heat Shrink Sleeves

Dual Wall Heat Shrink Sleeves



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SBRSM

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

- 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 - 125
- Fully shrink temperature: 125

Dimensions

Size mm	Expanded Internal Diameter mm	After Recovery				Standard Package M/pc
		Internal Diameter mm	Jacket Thickness mm	Adhesive Thickness mm	Total Wall Thickness mm	
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±0.15	2.45±0.40	1.22
25.0/8.0	25.0	8.0	2.00±0.20	0.45±0.15	2.45±0.40	1.22
28.0/9.0	28.0	9.0	2.00±0.20	0.50±0.20	2.60±0.40	1.22
35.0/10.2	35.0	10.2	2.20±0.20	0.78±0.20	2.70±0.40	1.22
38.1/12.0	38.1	12.0	2.20±0.20	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
52.1/16.0	52.1	16.0	2.30±0.25	0.50±0.20	2.80±0.45	1.22
55.0/16.0	55.0	16.0	2.30±0.25	0.50±0.20	2.80±0.45	1.22
63.0/19.0	63.0	19.0	2.50±0.25	0.50±0.20	3.00±0.45	1.22
75.0/22.0	75.0	22.0	2.60±0.25	0.50±0.20	3.00±0.45	1.22
85.0/25.0	85.0	25.0	2.80±0.35	0.50±0.20	3.30±0.45	1.22
95.0/29.0	95.0	29.0	3.10±0.45	0.60±0.20	3.70±0.50	1.22
115.0/34.0	115.0	34.0	3.10±0.45	0.60±0.20	3.70±0.50	1.22
140.0/42.0	140.0	42.0	3.10±0.45	0.60±0.20	3.70±0.50	1.22
160.0/48.0	160.0	48.0	3.10±0.45	0.60±0.20	3.70±0.50	1.22
180.0/58.0	180.0	58.0	3.10±0.45	0.60±0.20	3.70±0.50	1.22
200.0/60.0	200.0	60.0	3.10±0.45	0.60±0.20	3.70±0.50	1.22
230.0/69.0	230.0	69.0	3.10±0.45	0.60±0.20	3.70±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(%)	UL224 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%
Softening Point()	ASTM E28	95± 5
Strength of peering(PE)	ASTM D 1000	120N/25mm
Strength of peering(AL)	ASTM D 1000	80N/25mm