



J. M. Engineering Co.

A collage of images related to engineering and technology, 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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SBRSW-NF

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

Heavy wall adhesive-lined heat shrink tubing provides maximum reliability for insulating and protecting cable joints and terminations.



Features

- 3:1 shrink ratio, not flame-retardant
- Withstands severe mechanical requirements of U.R.D., submersible and direct burial installations
- High impact, abrasion, corrosion and chemical resistance
- Rated for 1kv, 90 continuous use application
- Thermoplastic adhesive liner provides complete environmental protection and installation
- Continuous operating temperature:-45 - 110
- Fully shrink temperature: 125

Dimensions

Size	Expanded	After Recovery				Standard Package
		Internal Diameter mm	Jacket Thickness mm	Adhesive Thickness mm	Total Wall Thickness mm	
8.0/2.0	8.0	2.0	1.80±0.30	0.55±0.20	2.35±0.35	1.22
9.0/3.0	9.0	3.0	2.00±0.30	0.55±0.20	2.55±0.40	1.22
13.0/4.0	13.0	4.0	2.30±0.30	0.55±0.20	2.85±0.40	1.22
16.0/5.0	16.0	5.0	2.30±0.30	0.60±0.20	2.90±0.50	1.22
22.0/6.0	22.0	6.0	2.50±0.40	0.60±0.25	3.10±0.50	1.22
28.0/6.0	28.0	6.0	2.70±0.40	0.70±0.25	3.40±0.50	1.22
33.0/8.0	33.0	8.0	2.80±0.40	0.80±0.25	3.60±0.60	1.22
38.1/12.0	38.1	12.0	3.10±0.50	0.80±0.25	3.90±0.60	1.22
43.2/12.0	43.2	12.0	3.50±0.50	0.80±0.25	4.30±0.70	1.22
55.0/16.0	55.0	16.0	3.60±0.50	0.80±0.25	4.40±0.70	1.22
65.0/19.0	65.0	19.0	3.60±0.50	0.80±0.25	4.40±0.70	1.22
75.0/22.0	75.0	22.0	3.60±0.50	0.80±0.25	4.40±0.70	1.22
85.0/25.0	85.0	25.0	3.60±0.50	0.80±0.25	4.40±0.70	1.22
95.0/30.0	95.0	30.0	3.60±0.50	0.80±0.25	4.40±0.70	1.22
105.0/30.0	105.0	30.0	3.80±0.60	0.80±0.25	4.60±0.70	1.22
120.0/39.0	120.0	39.0	3.80±0.60	0.80±0.25	4.60±0.70	1.22
130.0/40.0	130.0	40.0	3.80±0.60	0.80±0.25	4.60±0.70	1.22
140.0/42.0	140.0	42.0	3.80±0.60	0.80±0.25	4.60±0.70	1.22
160.0/50.0	160.0	50.0	3.80±0.60	0.80±0.25	4.60±0.70	1.00
180.0/60.0	180.0	60.0	3.80±0.60	0.80±0.25	4.60±0.70	1.00
200.0/69.0	200.0	69.0	3.80±0.60	0.80±0.25	4.60±0.70	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