



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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Dimensions

Size		Expanded	After Recovery			Standard Package
Inch	mm	Internal Diameter Min(mm)	Internal Diameter Max(mm)	Total Wall Thickness Nom(mm)	Adhesive Thickness Nom(mm)	
5/32	4	4.0	0.95	1.40±0.30	0.60±0.20	1.22 OR 25M/Roll
1/4	6	6.0	1.27	1.70±0.30	0.80±0.20	1.22 OR 25M/Roll
5/16	8	8.0	1.65	2.00±0.30	0.95±0.20	1.22 OR 25M/Roll
2/5	10	10.0	2.00	2.20±0.40	1.10±0.20	1.22 OR 25M/Roll
1/2	12	12.0	2.41	2.45±0.40	1.20±0.20	1.22 OR 25M/Roll
3/4	18	18.0	4.45	2.60±0.40	1.34±0.30	1.22 OR 25M/Roll

SBRS-(4X)GBK

Adhesive-Lined Cross-Linked Polyolefin Tubing

Adhesive lined heat shrink specifically designed to insulate, seal and protect in-line splices in automotive wire harnesses and electronic assemblies



Features

- 4:1 shrink ratio allows for fewer sizes to cover numerous splice configurations and diameters.
- Seals and protects against water, moisture and chemicals
- Adhesive bonds readily to PVC, XLPE and PP-EPDM cable jackets
- Shrinks rapidly for quick installation
- Continuous operating temperature:-45 - 125
- Initial shrinkage temperature:70
- Fully shrink Temperature: 110
- Black and clear



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%
Sofening Point()	ASTM E28	90± 5
Strength of pearing(PE)	ASTM D 1000	120N/25mm
Strength of pearing(AL)	ASTM D 1000	80N/25mm