



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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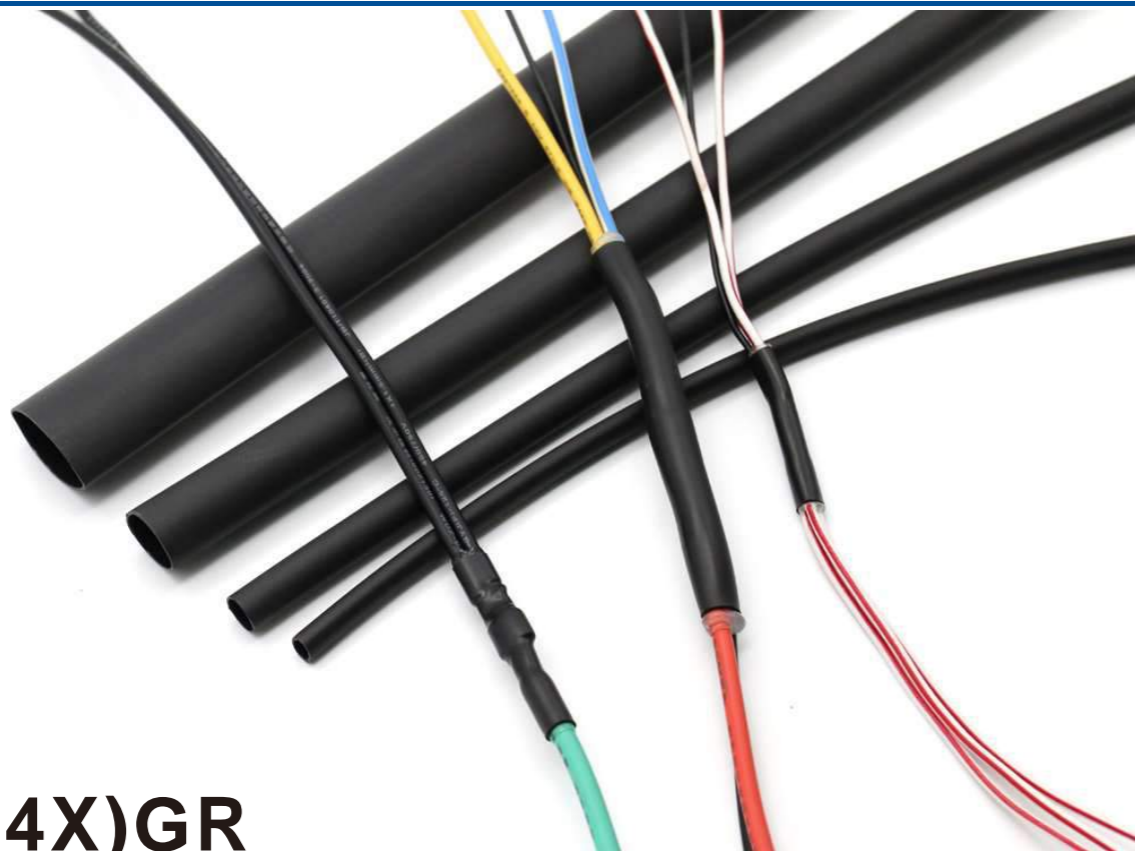
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## SBRS-(4X)GR

High Shrink Ratio, Semi-rigid Dual Wall Adhesive-Lined Cross-Linked Polyolefin Tubing

Adhesive Semi-rigid, dual wall heat shrink tubing designed to seal & environmentally protect splice in the most,



### Features

- 4:1 shrink ratio
- Super sealing against water, moisture or other contaminates
- Continuous operating temperature: -45 - 125
- Fully shrink Temperature: 125
- Shrink ratio: 4:1

### 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)	Spool Length M/spool
2/13	4	4.0	0.95	1.40±0.30	0.60±0.20	200
1/4	6	6.0	1.27	1.70±0.30	0.80±0.20	100
5/16	8	8.0	1.65	2.00±0.30	0.95±0.20	100
	10	10.0	2.00	2.30±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

### 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 <sup>14</sup>	2.5X10 <sup>14</sup>

### 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