



# SBRS-(4X)G

## Dual Wall Adhesive-Lined Polyolefin Heat Shrink Tubing

Adhesive lined heat shrink tubing with environmental sealing capability for a wide variety of electrical applications, including automotive and marine wire harness, wire splices, breakouts, and connector-to-cable transitions.



### Features

- 4:1 shrink ratio
- Superior sealing against water, moisture or other contaminants
- Ideal for connector sealing covering large diameter differences
- Inner adhesive bonds to plastics, steel and polyethylene
- Continuous operating temperature:-45°C-125°C
- Fully shrink temperature:≥125°C

### Dimensions

Size		Expanded	After Recovery			Standard Package
Inch	mm	Inner Diameter Min(mm)	Inner Diameter Max(mm)	Total Wall Thickness mm	Adhesive Thickness mm	Spool Length M/spool
5/32	4.0	4.0	1.0	1.05±0.30	0.50±0.30	200
1/4	6.0	6.0	1.5	1.15±0.30	0.50±0.30	100
5/16	8.0	8.0	2.0	1.55±0.30	0.60±0.30	50
1/2	12.0	12.0	3.0	1.75±0.30	0.60±0.30	1.22 OR 25M/Roll
5/8	16.0	16.0	4.0	2.00±0.30	0.70±0.30	1.22 OR 25M/Roll
25/32	20.0	20.0	5.0	2.30±0.40	0.70±0.30	1.22 OR 25M/Roll
1	24.0	24.0	6.0	2.60±0.40	0.75±0.30	1.22 OR 25M/Roll
1-1/4	32.0	32.0	8.0	3.00±0.40	0.90±0.30	1.22 OR 25M/Roll
2	52.0	52.0	13.0	3.35±0.50	0.95±0.30	1.22 OR 25M/Roll

### Technical Data

Property	Test Method	Standard	Typical Performance
Tensile Strength(MPa)	ASTM D2671	≥10.4	12.68
Elongation(%)	ASTM D2671	≥200	448.72
Tensile Strength after aging (Mpa)	UI224 158°CX168hr	≥7.3	11.45
Elongation after aging(%)	UI224 158°CX168hr	≥100	390.41
Flammability	ASTM D2671B	Pass	Pass
Dielectric strength(kV/mm)	IEC 60243	≥15	18.25
Volume resistivity(Ω.cm)	IEC 60093	≥1X10 <sup>14</sup>	1.86X10 <sup>14</sup>

### Adhesive

Property	Test Method	Standard
Water Absorption	ASTM D570	<0.2%
Softening Point(°C)	ASTM E28	95±5
Strength of peeling(PE)	ASTM D 1000	120N/25mm
Strength of peeling(AL)	ASTM D 1000	80N/25mm