



SBRS-(4X)G

Dual Wall Adhesive-Lined Heat-Shrink Polyolefin 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
- Low longitudinal shrinkage
- Superior sealing against water, moisture or other contaminants
- Ideal for connector sealing covering large diameter differences
- Inner adhesive bonds to plastics, steel and polyethylene
- Flame retardant(out jacket only)
- Continuous operating temperature:-45°C-125°C
- Shrink Temperature:125°C

Dimensions

Size		Expanded	After Recovery			Standard Package
Inch	mm	Internal Diameter mm	Internal Diameter mm	Total Wall Thickness mm	Adhesive Thickness mm	Spool Length M/spool
5/32	4.0	4.0	1.0	1.00 ± 0.15	0.40 ± 0.15	200
1/4	6.0	6.0	1.5	1.10 ± 0.15	0.40 ± 0.15	100
5/16	8.0	8.0	2.0	1.50 ± 0.15	0.50 ± 0.15	50
1/2	12.0	12.0	3.0	1.70 ± 0.15	0.50 ± 0.15	1.22 OR 25M/Roll
5/8	16.0	16.0	4.0	2.00 ± 0.15	0.60 ± 0.15	1.22 OR 25M/Roll
25/32	20.0	20.0	5.0	2.30 ± 0.25	0.60 ± 0.15	1.22 OR 25M/Roll
1	24.0	24.0	6.0	2.60 ± 0.25	0.60 ± 0.15	1.22 OR 25M/Roll
1-1/4	32.0	32.0	8.0	3.00 ± 0.30	0.70 ± 0.15	1.22 OR 25M/Roll
1-1/2	40.0	40.0	10.0	3.00 ± 0.30	0.70 ± 0.15	1.22 OR 25M/Roll
2	52.0	52.0	13.0	3.30 ± 0.30	0.70 ± 0.15	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°CX168hr	≥7.3	8.5
Elongation after aging(%)	UL224 158°CX168hr	≥200	350
Flammability	ASTM D2671B		Self-extinguish within 30s
Dielectric strength(kv/mm)	IEC243	≥15	17.5
Volume resistivity(Ω.cm)	ASTM D876	≥1X10 ¹⁴	2.5X10 ¹⁴

Hot Melt Adhesive Property

Property	Test Method	Standard
Water Absorption	ASTM D570	≤0.2%
Softening Point(°C)	ASTM E28	90 ± 5
Strength of pearing(PE)	ASTM D 1000	120N/25mm
Strength of pearing(AL)	ASTM D 1000	80N/25mm