

SBRS-(2X)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

- 2:1 shrink ratio
- Superior sealing against water, moisture or other contaminants
- Inner adhesive bonds to plastics, steel and polyethylene
- Out jacket flame retardant
- Continuous operating temperature:-45℃-125℃
- Shrink Temperature:125℃

Dimensions

Size		As Supplied	After Recovery			Standard Package
Inch	mm	Internal Diameter mm	Internal Diameter mm	Total Wall Thickness mm	Adhesive Thickness mm	Spool Length M/spool
1/16	1.6	1.6	0.8	0.60 ± 0.15	0.30 ± 0.1	200
3/32	2.4	2.4	1.2	0.70 ± 0.15	0.35 ± 0.1	200
1/8	3.2	3.2	1.6	0.70 ± 0.15	0.35 ± 0.1	200
3/16	4.8	4.8	2.4	0.80 ± 0.15	0.40 ± 0.1	100
1/4	6.4	6.4	3.2	0.80 ± 0.15	0.40 ± 0.1	100
5/16	7.9	7.9	3.9	0.90 ± 0.15	0.45 ± 0.1	100
3/8	9.5	9.5	4.8	0.90 ± 0.15	0.45 ± 0.1	50
1/2	12.7	12.7	6.4	0.95 ± 0.20	0.45 ± 0.1	1.22 OR 25M/Roll
5/8	15.9	15.9	7.9	0.95 ± 0.20	0.45 ± 0.1	1.22 OR 25M/Roll
3/4	19.1	19.1	9.5	1.00 ± 0.20	0.45 ± 0.1	1.22 OR 25M/Roll
1	25.4	25.4	12.7	1.10 ± 0.20	0.50 ± 0.1	1.22 OR 25M/Roll
1 1/4	31.8	31.8	15	1.15 ± 0.20	0.50 ± 0.1	1.22 OR 25M/Roll
1 1/2	38.1	38.1	19	1.25 ± 0.20	0.50 ± 0.1	1.22 OR 25M/Roll
1 3/4	44.5	44.5	22	1.35 ± 0.20	0.55 ± 0.1	1.22 OR 25M/Roll
2	50.8	50.8	25.4	1.5 ± 0.25	0.60 ± 0.1	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(%)	UL224 158℃X168hr	≥200	350
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%
Sofening Point(℃)	ASTM E28	90 ± 5℃
Strength of pearing(PE)	ASTM D 1000	120N/25mm
Strength of pearing(AL)	ASTM D 1000	80N/25mm