SBRS-(2X)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.

RoHS c US 2:1

Features

- 2:1 shrink ratio
- Superior sealing against water, moisture or other contaminants
- Inner adhesive bonds to plastics, steel and polyethylene
- Continuous operating temperature:-45°C-125°C
- Fully shrink temperature:⩾125°C

Dimensions

Size		As Supplied	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
1/16	1.6	1.6	0.8	0.60±0.30	0.30±0.2	200
3/32	2.4	2.4	1.2	0.70±0.30	0.35±0.2	200
1/8	3.2	3.2	1.6	0.70±0.30	0.35±0.2	200
3/16	4.8	4.8	2.4	0.80±0.30	0.40±0.2	100
1/4	6.4	6.4	3.2	0.80±0.30	0.40±0.2	100
5/16	7.9	7.9	3.9	0.90±0.30	0.45±0.2	100
3/8	9.5	9.5	4.8	0.90±0.30	0.45±0.2	50
1/2	12.7	12.7	6.4	0.95±0.40	0.45±0.2	1.22 OR 25M/Roll
5/8	15.9	15.9	7.9	0.95±0.40	0.45±0.2	1.22 OR 25M/Roll
3/4	19.1	19.1	9.5	1.00±0.40	0.45±0.2	1.22 OR 25M/Roll
1	25.4	25.4	12.7	1.10±0.40	0.50±0.2	1.22 OR 25M/Roll
1 1/4	31.8	31.8	15	1.15±0.40	0.50±0.2	1.22 OR 25M/Roll
1 1/2	38.1	38.1	19	1.25±0.40	0.50±0.2	1.22 OR 25M/Roll
1/ 3/4	44.5	44.5	22	1.35±0.40	0.55±0.2	1.22 OR 25M/Roll
2	50.8	50.8	25.4	1.50±0.40	0.60±0.2	1.22 OR 25M/Roll

Technical Data

Property	Test Method	Standard	Typical Performance
Tensile Strength(MPa)	ASTM D2671	⩾10.4	13.25
Elongation(%)	ASTM D2671	⩾200	450.62
Tensile Strength after aging (MPa)	Ul224 158°CX168hr	⩾7.3	11.28
Elongation after aging(%)	UL224 158°CX168hr	⩾100	390.69
Dieletric strength(kv/mm)	IEC 60243	⩾15	18.25
Volume resistivity(Ω.cm)	IEC 60093	⩾$1X10^{14}$	$2.14X10^{14}$
Flammability	ASTM D2671B	Pass	Pass

Adhesive

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