

SBRS-(3X)GLW

Flexible, Thick Adhesive Lined Dual Wall Heat Shrinkable Tube

Flexible, Thick Adhesive Lined Dual Wall Heat Shrinkable Tube is manufactured by co-extrusion of polyolefin and hot-melt adhesive. Designed to provide both insulation and sealing for protected articles. Used to protect bundles wires and metal tubes against water and moisture.



Features:

- 1.Flexible, thick adhesive lined to bond to a wide variety of plastics, rubber and metals
- 2.Operating Temperature: $-45^{\circ}\text{C}\sim 125^{\circ}\text{C}$
- 3.Shrinking Temperature: Start at 70°C , and shrunk totally at 125°C
- 4.Shrink Ratio: 3:1

Dimension

Size		As Supplied	After Recovery (mm)			Standard package(m/spool)
mm	Inch	Inner diameter Internal Diameter(mm)	Total wall thickness	Wall thickness of adhesive layer	Inner diameter	
3.2	1/8	3.2	0.95 ± 0.15	0.45 ± 0.10	1.0	200
4.8	3/16	4.8	1.20 ± 0.15	0.60 ± 0.10	1.6	100
6.4	1/4	6.4	1.35 ± 0.15	0.70 ± 0.10	2.2	100
7.9	5/16	7.9	1.50 ± 0.15	0.75 ± 0.10	2.7	100
9.5	3/8	9.5	1.65 ± 0.15	0.85 ± 0.10	3.2	50
12.7	1/2	12.7	1.80 ± 0.20	0.90 ± 0.10	4.2	1m/pc
15.0	5/8	15.0	1.80 ± 0.20	0.90 ± 0.10	5.2	1m/pc
19.1	3/4	19.1	2.00 ± 0.20	1.00 ± 0.10	6.3	1m/pc
25.4	1	25.4	2.10 ± 0.20	1.05 ± 0.10	8.5	1m/pc
30.0	5/4	30.0	2.20 ± 0.20	1.05 ± 0.10	10.2	1m/pc

38.1	1-1/2	38.1	2.40±0.20	1.15±0.10	13.5	1m/pc
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Technical Data

Property	Test Method	Test Result
Tensile Strength, MPa	ASTM D2671	≥10.4
Elongation, %	ASTM D2671	≥300
Tensile Strength after aging, MPa	UL 224, 158°CX168h	≥7.3
Elongation after aging, %	UL 224, 158°CX168h	≥20
Dielectric strength(kV/mm)	IEC 243	≥15
Volume resistance Ω.cm	IEC 93	≥1X10 ¹⁴

Hot melt adhesive

Property	Test method	Test Result
Water absorption	ASTM D570	≅0.2%
Softening point	ASTM E28	95°C
Peel strength(PE)	ASTM 1000	120N/25mm
Peel strength(PA)	ASTM 1000	80N/25mm

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