



SBRS-(4X)GR

High Shrink Ratio, Semi-rigid Dual Wall Adhesive-Lined Cross-Linked Polyolefin Tubing

Adhesive Semi-rigid, dual wall heat shrink tubing designed to seal & environmentally protect splice in the most,



Features

- 4:1 shrink ratio
- Halogen free
- Super sealing against water, moisture or other contaminates
- Continuous operating temperature: -45°C - 125°C
- Shrink Temperature: 125°C
- Shrink ratio: 3:1
- Sony compliant

Dimensions

Size		Expanded	After Recovery			Standard Package
Inch	mm	Internal Diameter Min(mm)	Internal Diameter Max(mm)	Total Wall Thickness Nom(mm)	Adhesive Thickness Nom(mm)	Spool Length M/spool
5/32	4	4,0	0.95	1.40 ± 0.20	0.50 ± 0.10	200
1/4	6	6,0	1.27	1.70 ± 0.20	0.60 ± 0.10	100
5/16	8	8,0	1.65	2.00 ± 0.20	0.75 ± 0.10	100
1/2	12	12,0	2.41	2.45 ± 0.20	1.20 ± 0.20	1.22 OR 25M/Roll
3/4	18	18,0	4.45	2.60 ± 0.20	1.40 ± 0.20	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
Dielectric strength(kv/mm)	IEC243	≥15	17.5
Volume resistivity(Ω .cm)	ASTM D876	≥1X10 ¹⁴	2.5X10 ¹⁴

Adhesive

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