

W-1-SB(4X)GR

High-Shrink-Ratio, Adhesive-Lined Semirigid Polyolefin Tubing

4:1 shrink ratio allows a few sizes to cover a wide range of splice and component diameters, mechanically tough tubing provides strain relief and abrasion protection of wire splices, terminals, and other components, adhesive-lined against fluids, moisture and other contaminants.



Features

- 1.4:1 Very high shrink ratio
2. Longitudinal shrink ratio: $\leq +8\%$
3. Out jacket flame retardant, inner adhesive self-extinguished
4. Continuous operating temperature: $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$
5. Shrink temperature: 120°C

Specification

Size		As supplied	After recovery			Standard Package
Inch	mm	Internal Diameter(mm)	Internal Diameter	Total W.all Thickness	Adhesive thickness	m/pc
1/4	6.0	6.0	1.27	1.30±0.15	0.56±0.15	1.22
5/16	8.0	8.0	1.65	1.65±0.15	0.76±0.15	1.22
1/2	12.0	12.0	2.41	2.00±0.15	1.02±0.15	1.22
3/4	18.0	18.0	4.45	2.50±0.15	1.37±0.15	1.22

Technical Data

Test Item	Test Method	Test Result
Tensile Strength(Mpa)	ASTM D2671	≥ 12

Elongation%	ASTM D2671	≥300
Tensile Strength after Aging (Mpa)	UL 224 158×168hr	≥7.3
Elongation after Aging%	UL 224 158°C×168hr	≥200
Dielectric Strength	IEC 243	≥ 15
Volume Resistance(Ω.cm)	ASTM D876	≥ 10 ¹⁴

Hot Melting Adhesive Property

Test Item	Test Method	Test Result
Water absorption ratio:	ASTM-D570	<0.2%
Softing point	ASTM-E8	95°C
Strength of pearing(PE)	ASTM-D1000	120N/25m
Strength of pearing(AL)	ASTM-D1000	80N/25m

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