

## W-1-SB(2X)

### 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

1.2:1 shrink ratio

2. Longitudinal shrink ratio:  $\leq +8\%$

3. Out jacket flame retardant, inner adhesive self-extinguished

4. Super sealing against water, moisture or other contaminants

5. Continuous operating temperature:  $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$

6. Shrink temperature:  $120^{\circ}\text{C}$

#### 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	0.3±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	0.4±0.1	100
1/4	6.4	6.4	3.2	0.80±0.15	0.4±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	1.22
1/2	12.7	12.7	6.4	0.95±0.20	0.45±0.1	1.22

5/8	15.9	15.9	7.9	0.95±0.20	0.45±0.1	1.22
3/4	19.1	19.1	9.5	1.0±0.20	0.45±0.1	1.22
1	25.4	25.4	12.7	1.1±0.20	0.50±0.1	1.22
1 1/4	31.8	31.8	15	1.15±0.20	0.50±0.1	1.22
1 1/2	38.1	38.1	19	1.25±0.20	0.50±0.1	1.22
1 3/4	44.5	44.5	22	1.35±0.20	0.55±0.1	1.22
2	50.8	50.8	25.4	1.5±0.25	0.60±0.1	1.22

#### Technical Data:

Test Item	Test Method	Test Result
Tensile Strength(Mpa)	ASTM D2671	≥10.4
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 <sup>14</sup>

#### 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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