

W-1-SB(3X)

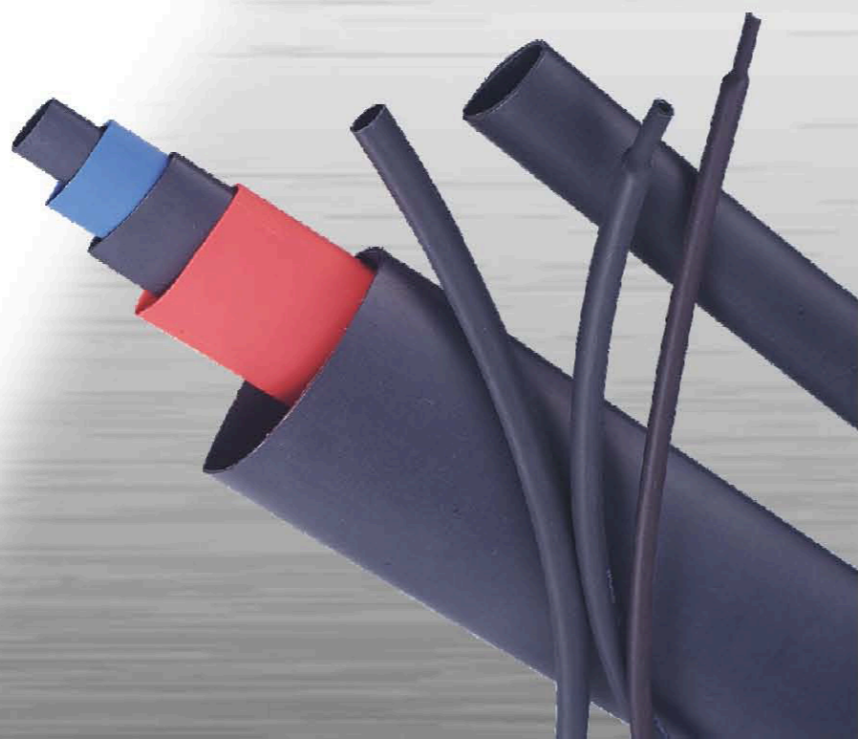
Dual Wall Adhesive-Lined Heat-shrink Polyolefin Tubing

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

- 3:1 shrink ratio
- Longitudinal shrink 8% max
- Out jacket flame retardant,
- Super sealing against water, moisture or other contaminants
- Continuous operating temperature: -45°C ~ 125°C
- Shrink temperature: 120 °C



Dimensions

Size		As supplied	After Recovered (mm)			Standard package (m/spool)
Inch	mm	INTERNAL DIAMETER mm	INTERNAL DIAMETER	TOTAL WALL THICKNESS	WALL THICKNESS OF ADHESIVE	
1/8	3.2	3.2	1.00	0.90±0.15	0.35±0.10	200
3/16	4.8	4.8	1.60	1.00±0.15	0.40±0.10	100
1/4	6.4	6.4	2.20	1.25±0.15	0.45±0.12	100
5/16	7.9	7.9	2.70	1.30±0.15	0.50±0.12	100
3/8	9.5	9.5	3.20	1.40±0.15	0.50±0.12	50
1/2	12.7	12.7	4.20	1.70±0.15	0.50±0.12	36.6
5/8	15.0	15.0	5.20	1.80±0.15	0.55±0.15	30.5
3/4	19.1	19.1	6.30	1.95±0.15	0.55±0.15	30.5
1	25.4	25.4	8.50	2.05±0.20	0.55±0.15	30.5
1-1/4	30.0	30.0	10.20	2.20±0.20	0.60±0.15	24.4
1-1/2	39.0	39	13.50	2.50±0.20	0.60±0.15	18.3
2	50.0	50	17.00	2.80±0.25	0.70±0.15	12.2
5/2	64	64	21.00	3.00±0.25	0.70±0.15	6.1
3	75	76	25.00	3.00±0.30	1.00±0.20	1.22
7/2	90	90	30.00	3.00±0.30	1.00±0.20	1.22
4	100	100	34.00	3.00±0.30	1.00±0.20	1.22
5	125	125	42.00	3.00±0.30	1.00±0.20	1.22

Technical Data

Property	Test Method	Standard
Tensile Strength(MPa)	ASTM D2671	≥ 10.4
Elongation	ASTM D2671	≥ 300
Tensile Strength after aging (MPa)	UL224 158°CX168hr	≥ 7.3
Elongation after aging(%)	UL224 158°CX168hr	≥ 200
Dielectric strength(kv/mm)	IEC243	≥ 15
Volume resistivity(Ω.cm)	ASTM D876	≥ 1X10 ¹⁴

Hot Melt Adhesive Property

Property	Test Method	Standard
Water Absorption	ASTM D570	≤ 0.2%
Softening Point	ASTM E8	95°C
Strength of peeling(PE)	ASTM D 1000	120N/25mm
Strength of peeling(AL)	ASTM D 1000	80N/25mm