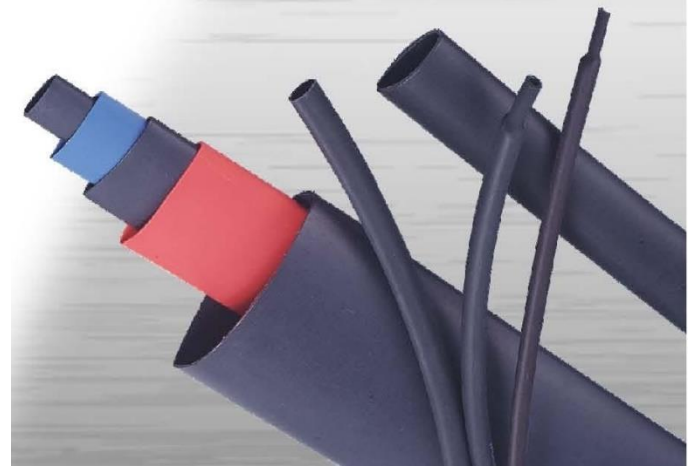


Namonkar AHST

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

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

Datasheet:-

Size in mm	As Supplied (mm)		After Recovery (mm)		
	Min Id	Normal wall	Max Id	Total Wall	Normal Adhesive wall
Φ 2.4	2.4	0.40 ± 0.15	0.8	0.85 ± 0.25	0.35 ± 0.10
Φ 3.2	3.2	0.40 ± 0.15	1	0.85 ± 0.25	0.35 ± 0.10
Φ 4.8	4.8	0.40 ± 0.15	1.5	1.05 ± 0.25	0.45 ± 0.10
Φ 6.4	6.4	0.45 ± 0.15	2	1.10 ± 0.25	0.45 ± 0.10
Φ 7.9	7.9	0.60 ± 0.20	2.5	1.35 ± 0.25	0.45 ± 0.10
Φ 10	9.5	0.60 ± 0.20	3	1.45 ± 0.25	0.45 ± 0.10
Φ 12.7	12.7	0.60 ± 0.20	4	1.50 ± 0.35	0.45 ± 0.15
Φ 15	15.0	0.65 ± 0.20	5.20	1.80 ± 0.35	0.55 ± 0.15
Φ 19.1	19.1	0.75 ± 0.25	6	2.00 ± 0.45	0.65 ± 0.20
Φ 25.4	25.4	0.75 ± 0.25	8.4	2.00 ± 0.55	0.65 ± 0.20
Φ 30	30	0.80 ± 0.30	10	2.20 ± 0.55	0.75 ± 0.20
Φ 40	40	0.85 ± 0.35	13.7	2.50 ± 0.55	1.00 ± 0.25