



MULTI-WALL POLYOLEFIN **HEAT SHRINKABLE TUBING**

HS-101-MW

FEATURES

- 2.5:1 shrink ratio
- Semi-rigid tubing with an adhesive liner
- Provides excellent strain relief and insulation of weak points
- Provides a tough, protective, insulating covering
- Easy to remove
- Resists moisture, chemicals and solvents
- Easily marked
- Meets UL and Military specifications

USES

- Encapsulating electronic components, wire splices and delicate wire terminations to provide moisture resistance and mechanical protection
- Filling surface irregularities of substrates with adhesive
- Sealing ends of electrical cables and rigid tubing
- Installations requiring re-work, retrofit or repair in the field
- Identifying circuits and components
- Rugged protection against abrasion, vibration and flexing

SPECIFICATIONS

- UL 224 (Jacket)
- AMS 3634
- SAE-AMS-DTL-23053/4 Class 1



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TECHNICAL DATA

- Shrink Ratio: 2.5:1
- Minimum Recommended Shrink Temperature: 135°C (257°F)
- Operating Temperature Range: -55°C to 110°C
- Longitudinal Shrinkage: +1 / -10%
- Physical / Electrical / Chemical Properties:
 - Specific Gravity: 1.0
 - Tensile Strength: 2200 psi
 - Ultimate Elongation: 400%
 - Secant Modulus: (2%) 27000 psi
 - Heat Aging*: 168 hrs. @ 175°C Elongation 175%
 - Heat Shock*: 4 hrs. @ 250°C No dripping, cracking or flowing
 - Low Temperature Flexibility*: 4 hrs. @ -55°C No cracking
 - Volume Resistivity: 10¹⁵ ohm-cm
 - Dielectric Strength: 900 vpm
 - Corrosion Resistance: Non-corrosive
 - Fungus Resistance: Non-nutrient
 - Water Absorption: 0.1%

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* Outer Jacket Only

Size	Expanded I.D. Minimum		Recovered I.D. Maximum		Total Recovered Wall Thickness Nominal		Meltable Recovered Wall Thickness Nominal		Standard Packaging (per box) 4-Foot Lengths	Box Contents
	in.	mm	in.	mm	in.	mm	in.	mm		
1/8	.125	3.18	.023	0.58	.038	0.97	.020	0.51		200'
3/16	.187	4.75	.060	1.52	.043	1.09	.025	0.64		200'
1/4	.250	6.35	.080	2.03	.047	1.19	.027	0.69		100'
3/8	.375	9.53	.130	3.43	.050	1.27	.030	0.76		100'
1/2	.500	12.70	.195	4.95	.055	1.40	.035	0.89		100'
3/4	.750	19.05	.313	7.95	.065	1.65	.040	1.02		60'
1	1.000	25.40	.400	10.16	.075	1.91	.040	1.02		48'

- Standard Color: Black