



## HEAT SHRINK

# HS-101-MW

**Multi-Wall Polyolefin  
Heat Shrinkable Tubing**



## Uses and Features

Heat shrinkable tubing with a thin, adhesive thermoplastic liner

Provides a permanent, flexible, waterproof seal to protect against fluids, moisture, and corrosion

Ideal for wire splicing and encapsulation of sensors and connectors and terminals in marine environments

Bonds to a wide variety of plastics, rubbers, and metals

## Technical Data

Shrink ratio: 2.5:1

Recommended Shrink Temperature: 135°C

Operating Temperature Range: -55°C to 110°C

Longitudinal Change: +1 / -10%

Shelf Life: 3 years

Recommend Storage: <27° C

Standard Colors: Black

Standard Packaging: 4' lengths

## Certifications

UL 224, 125°C, 600 V

SAE AS23053/4 Class 1

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### Summary of Properties

Category	Property	Units	Value
Mechanical	Specific Gravity	g/cm <sup>2</sup>	1.0
	Tensile Strength (min)	psi	1500
	Ultimate Elongation (min)	%	200
	Water Absorption (max)	%	0.5
Electrical	Volume Resistivity	ohm-cm	1 x 10 <sup>15</sup>
	Dielectric Strength (min)	v/mil	500
Thermal	Heat Shock* (4hs @ 250°C)	N/A	Pass
	Low Temp. Flexability (4hrs @ -55°C)	N/A	Pass

Adhesive Peel Strength		
Substance	UOM	Typical Value
Polyethylene	pli	30
PVC	pli	10
Lead	pli	15
Aluminum	pli	40

Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Total Recovered Wall Thickness Nominal		Melttable Recovered Wall Thickness Nominal		Standard Packaging (per box) 4-Ft Lengths
	in.	mm	in.	mm	in.	mm	in.	mm	Box Contents
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	3.42	.050	1.27	.030	0.76	100'
1/2	.500	12.70	.196	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'

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