



## HEAT SHRINK

# HS-101-MW-3:1

## Multi-Wall Polyolefin Heat Shrinkable Tubing



### Uses and Features

Heat shrinkable tubing with a thin, adhesive thermoplastic liner

Higher shrink ratio allows for a broader range of applications

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

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

Bonds to a wide variety of plastics, rubbers and metals

### Technical Data

Shrink ratio: 3:1

Recommended Shrink Temperature: 110°C

Operating Temperature Range: -55°C to 125°C

Longitudinal Change: +5 / -15%

Shelf Life: 3 Years

Recommend Storage: <27°C

Standard Colors: Black

Standard Packaging: Spooled and 4' lengths

### Certifications

UL 224, 125° C, 600 V

SAE AS23053/4 Class 3

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### Summary of Properties

Category	Property	Units	Value
Mechanical	Specific Gravity	g/cm <sup>2</sup>	1.0
	Tensile Strength	psi	2080
	Ultimate Elongation	%	400
	Water Absorption	%	.49
Electrical	Volume Resistivity	ohm-cm	2.11 x 10 <sup>15</sup>
	Dielectric Strength	vpm	900
Thermal	Cold Impact (-55°C x 3min)	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.		Recovered Wall Nominal		Recovered Melt Wall Nominal		Standard Packaging (per box) 4-Foot 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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