

## POLYOLEFIN **HEAT SHRINKABLE TUBING**

# HS-101-3X

### FEATURES

- 3:1 shrink ratio
- Shrinks uniformly over irregular sizes and shapes
- Very flexible
- Doesn't easily wrinkle when bent
- Low shrink temperature
- Excellent for surface printing
- Meets UL and CSA specifications

### USES

- Applications which require sliding the tubing over connectors or where the connectors are larger than the cables
- Strain relief and electrical insulation of commercial wire terminations and electrical connections
- Jacketing and bundling flexible, light-duty wire harnesses and temperature sensitive components
- Insulating oversized components in-line with wiring
- Industrial and military applications

### SPECIFICATIONS

- UL 224, 125°C, 600 V, VW-1
- CSA





## POLYOLEFIN HEAT SHRINKABLE TUBING

### HS-101-3X

#### TECHNICAL DATA

- Shrink Ratio: 3:1
- Minimum Recommended Shrink Temperature: 90°C (194°F)
- Operating Temperature Range: -55°C to 135°C
- Longitudinal Shrinkage: +1 to -15%
- Physical / Electrical / Chemical Properties:
  - Specific Gravity: 1.35 max.
  - Tensile Strength: 1500 psi, min.
  - Ultimate Elongation: 200% min.
  - Secant Modulus: (2% elong.) 25,000 psi, max.
  - Heat Aging: 168 hrs. @ 175°C Elongation 100% min.
  - Heat Shock: 4 hours @ 250°C No dripping, cracking or flowing
  - Low Temperature Flexibility: 4 hrs. @ -55°C No cracking
  - Water Absorption: 0.5% max.
  - Flammability Rating: UL 224, VW-1
  - Volume Resistivity:  $10^{14}$  ohm-cm, min.
  - Dielectric Strength: 500 vpm, min.
  - Corrosion Resistance: Non-corrosive
  - Fungus Resistance: No growth

#### SPECIFICATIONS

- UL Subject 224
- CSA
- SAE-AMS-DTL-23053/5, Class 1

Size	Expanded I.D. Minimum		Recovered I.D. Maximum		Recovered Wall Nominal		Standard Packaging (per box) Product on Spools	
	in.	mm	in.	mm	in.	mm	ft. / Spool	Total ft. / Box
1/16	.059	1.50	.020	0.50	.018	0.45	1,000'	3,000'
1/8	.118	3.00	.039	1.00	.022	0.55	500'	1,500'
1/4	.236	6.00	.079	2.00	.026	0.65	200'	600'
3/8	.354	9.00	.118	3.00	.030	0.75	200'	600'
1/2	.472	12.00	.157	4.00	.030	0.75	200'	600'
3/4	.709	18.00	.236	6.00	.030	0.75	200'	600'
1	.945	24.00	.315	8.00	.039	1.00	100'	300'
1 1/2	1.535	39.00	.512	13.00	.045	1.15	100'	200'

- Standard Color: Black