



POLYOLEFIN HEAT SHRINKABLE TUBING

HS-101

TECHNICAL DATA

- Shrink Ratio: 2:1
- Minimum Recommended Shrink Temperature: 90°C (194°F)
- Operating Temperature Range: -55°C to 135°C
- Longitudinal Shrinkage: +1 / -5%
MIL Class 1 & 2: +/-5%
MIL Class 3: +1/-10%
- Physical / Electrical / Chemical Properties:
Specific Gravity: 1.35 max. Colors only
Tensile Strength: 1500 psi min.
Ultimate Elongation: 200% min.
Secant Modulus: 2.5 X 10⁴ psi max
Heat Aging: 7 days @ 158°C Elongation 100%
Heat Shock: 4 hrs. @ 250° C
Low Temperature Flexibility: 4 hrs. @ -55°C No cracking
Flammability: UL Subject 224 VW-1
Volume Resistivity: 10¹⁴ ohm-cm min.
Dielectric Strength: 500 vpm
Corrosion Resistance: Non-corrosive
Water Absorption (Recovered): 24 hrs. @ 23°C 0.5% max.
- Product may include identical HS-101-I and HS-101-R designations

SPECIFICATIONS

- UL Subject 224 VW-1
- CSA OFT rated for 600 V
- AMS-DTL-23053/5 Classes 1 & 3 (Colors)
- AMS-DTL-23053/5 Class 2 (Clear)

Size	Expanded I.D. Minimum		Recovered I.D. Maximum		Recovered Wall Nominal		Standard Packaging (per box) Product on Spools		4-foot Lengths
	In.	mm	In.	mm	In.	mm	ft. / Spool	Total ft. / Box	Total ft. / Box
3/64	.046	1.17	.023	0.58	.016	0.41	1,000'	3,000'	1,000'
1/16	.063	1.60	.031	0.79	.017	0.43	1,000'	3,000'	1,000'
3/32	.093	2.36	.046	1.17	.020	0.51	500'	1,500'	1,000'
1/8	.125	3.18	.062	1.58	.020	0.51	500'	1,500'	1,000'
3/16	.187	4.75	.093	2.36	.020	0.51	500'	1,000'	1,000'
1/4	.250	6.35	.125	3.18	.025	0.64	250'	500'	1,000'
3/8	.375	9.53	.187	4.75	.025	0.64	200'	400'	1,000'
1/2	.500	12.70	.250	6.35	.025	0.64	150'	300'	800'
3/4	.750	19.05	.375	9.53	.030	0.76	250'	250'	500'
1	1.000	25.40	.500	12.70	.035	0.89	250'	250'	300'
1 1/4	1.250	31.75	.625	15.87	.040	1.02	150'	150'	200'
1 1/2	1.500	38.10	.750	19.05	.043	1.09	125'	125'	200'
2	2.000	50.80	1.000	25.40	.045	1.14	125'	125'	100'
3	3.000	76.20	1.500	38.10	.055	1.40	100'	100'	100'

- Standard Colors: Black, Clear, White, Red, Yellow, Green, Blue

INSULTAB

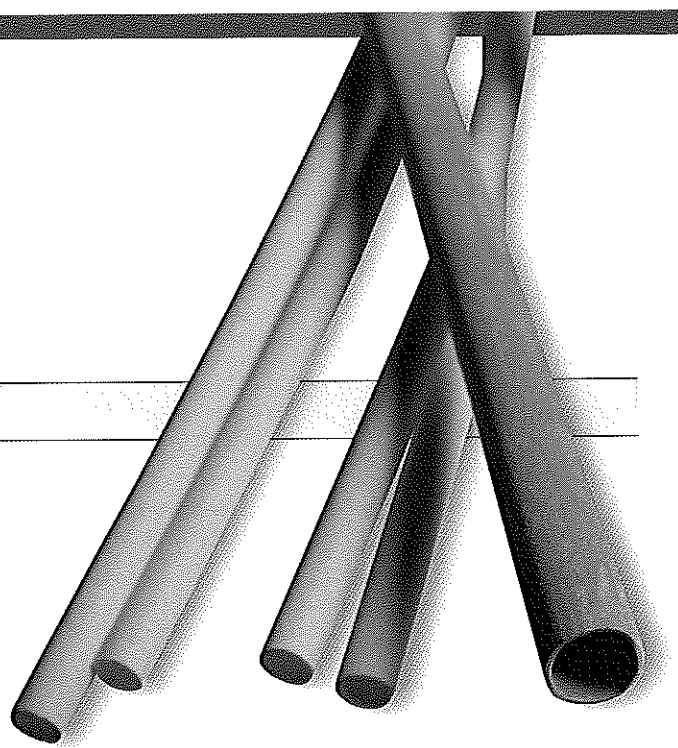
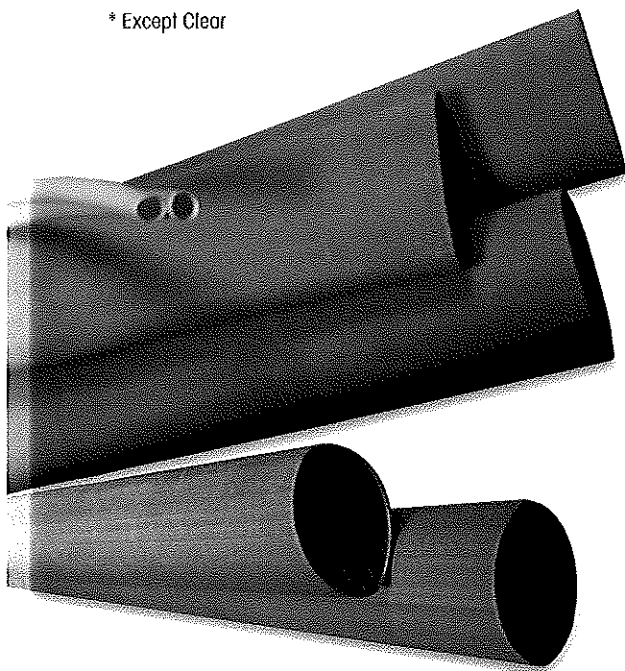
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FEATURES

- 2:1 shrink ratio
- Excellent all purpose, highly flexible insulation
- Highly flame retardant*
- Excellent chemical, physical and electrical properties
- Low shrink temperature
- Easily marked
- Superior resistance to abrasion
- Free of polybrominated biphenyls and polybrominated biphenyl oxides and ethers, which are classified as environmentally hazardous substances.
- Meets UL, CSA and Military specifications

* Except Clear



USES

- Insulation and strain relief of wire splices, terminals and wire connections
- Electrical insulation and protection of in-line components
- Bundling wires for flexible, light-duty harnesses
- Color coding or identifying wire, cables, terminals and components
- Commercial and military applications

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