



SUPER FLEXIBLE POLYOLEFIN HEAT-SHRINKABLE TUBING

SHRINK RATIO 2:1 MIL-DTL-23053/5 CLASS 1, 2 (Clear) & 3 RoHS

UL CERTIFIED E306685 CSA CERTIFIED VW-1 FLAME TEST

GMT-221S provides optimal insulation for cable assemblies, wire harnesses, and wire connections. It is designed to provide resistance to abrasion, thermal heat, and fluids in demanding environments. It provides excellent protection for wire bundles and may be used for wire identification.

GMT-221S Applications

General Purpose Insulation & Repair

Wire & Cable Harnessing & Bundling

Cable & Connector Protection

Spools Used in Automatic Cutting Machine

Characteristics

Highly Flexible Compared to GMT-221

Operating Temperature: -45° to 135° Celsius

Shrink Temperature: 90° - 100° Celsius

Flame Retardant (Except Clear), UL Standard 224

Shrink Ratio: 2:1

Environmentally Friendly

Specifications

Gamma	Minimum Expanded		Maximum Recovered		Recovered Thickness		Standard Packaging	
Part No.	as Supplied		After Heating		After Heating		Packaging	
W/ Size	Mm	Inch	Mm	Inch	Mm	Inch	Spool	100' FT
GMT-221S-3/64	1.2	0.046	0.60	0.023	0.40±0.08	0.016±0.003	1000'	100' FT
GMT-221S-1/16	1.6	0.063	0.80	0.031	0.43±0.08	0.017±0.003	1000'	100' FT
GMT-221S-3/32	2.4	0.093	1.20	0.046	0.51±0.08	0.020±0.003	500'	100' FT
GMT-221S-1/8	3.2	0.125	1.60	0.062	0.51±0.08	0.020±0.003	500'	100' FT
GMT-221S-3/16	4.8	0.1875	2.40	0.093	0.51±0.08	0.020±0.003	500'	100' FT
GMT-221S-1/4	6.4	0.250	3.20	0.125	0.64±0.08	0.025±0.003	250'	100' FT
GMT-221S-3/8	9.5	0.375	4.80	0.187	0.64±0.08	0.025±0.003	250'	20' FT
GMT-221S-1/2	12.7	0.500	6.40	0.25	0.64±0.08	0.025±0.003	100'	20' FT
GMT-221S-3/4	19.1	0.750	9.50	0.375	0.76±0.08	0.030±0.003	100'	20' FT
GMT-221S-1	25.4	1.000	12.70	0.5	0.89±0.12	0.035±0.005	100'	20' FT
GMT-221S-11/4	31.8	1.250	15.90	0.625	1.02±0.15	0.040±0.006	50'	20' FT
GMT-221S-11/2	38.1	1.500	19.10	0.75	1.02±0.15	0.040±0.006	50'	20' FT
GMT-221S-2	50.8	2.000	25.40	1	1.14±0.16	0.045±0.007	50'	20' FT

Properties

Property	Test Method	Standard
Tensile Strength	ASTM D638	≥ 10.4MPa
Elongation at Break	ASTM D638	≥200%
Longitudinal Shrinkage	UL224	≤ 0.5%
Dielectric Strength	ASTM D150	≥15kv/mm
Volume Resistance	ASTM D876	≥10 ¹⁴ Ω .cm
Water Absorption	ASTM D570	≤ 0.5%
Copper Stability	UL224	No Corrosion

Color Code: 0=BLK, 1=BRN, 2=RED, 3=ORN, 4=YLW, 5=GRN, 6=BLU, 7=VIO, 8=GRY, 9=WHT, X=CLR

P/N Example: GMT-221S-1/4-0 = Black ¼" Tubing