



GMT-221M

Medical Flexible Polyolefin Shrink Tube

SHRINK RATIO 2:1
RoHS COMPLIANT
UL RECOGNIZED COMPONENT
E306685 cUL CERTIFIED

Flexible Polyolefin, Versatile Uses GMT-221M is a heat shrink designed specifically for the medical industry, (hence the "M"). GMT-221M 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.



Applications

- Shrink Ratio 2:1
- Operating Temperature: -55° to 120°C
- Shrink Temperature: 70°C
- Environmentally Friendly

Tubing Electrical and Mechanical Properties

Property	Test Method	Standard
Tensile Strength, MPa	GB/T1040	≥10.4
Elongation at Break, %	GB/T1040	≥200
DC Voltage Withstand, VDC	UL224	≥2500
Dielectric Breakdown, kV/mm	GB/T1040	≥15
Volume Resistivity, W-cm	GB/T1040	≥10 ¹⁴

Dimensions

Part No. with Nominal Inner Diameter in inches	As Supplied		After Recovery	
	Nominal Inner Diameter, mm	Actual Inner Diameter, mm	Maximum Inner Diameter, mm	Wall Thickness, mm
GMT-221M(S or 4ft)-3/64-X	0.8	1.10 ± 0.10	0.58	0.41±0.07
GMT-221M(S or 4ft)-1/16-X	1.2	1.70 ± 0.10	0.79	0.43±0.07
GMT-221M(S or 4ft)-3/32-X	2.0	2.50±0.10	1.17	0.51±0.07
GMT-221M(S or 4ft)-1/8-X	3.0	3.50 ± 0.10	1.58	0.51±0.07
GMT-221M(S or 4ft)-3/16-X	4.5	5.00 ± 0.10	2.36	0.51±0.07
GMT-221M(S or 4ft)-1/4-X	6.0	6.60 ± 0.10	3.18	0.64±0.07
GMT-221M(S or 4ft)-3/8-X	9.0	9.65 ± 0.10	4.75	0.64±0.07
GMT-221M(S or 4ft)-1/2-X	12.0	13.00 ± 0.20	6.35	0.64±0.07
GMT-221M(S or 4ft)-3/4-X	18.0	19.50 ± 0.30	9.53	0.76±0.07
GMT-221M(S or 4ft)-1-X	25.0	26.00 ± 0.30	12.7	0.89±0.07
GMT-221M(S or 4ft)-1-1/4-X	30.0	31.00 ± 0.50	15.0	0.89±0.07
GMT-221M(S or 4ft)-1-1/2-X	38.0	39.00 ± 0.50	19.1	1.00±0.07
GMT-221M(S or 4ft)-2-X	50.0	52.50 ± 1.50	25.4	1.15 0.07

Ordering Information

P/N Example: GMT-221MS-1/4-X = Spool of Clear 1/4 GMT-221M Tubing