

SHRINK RATIO 4:1
RoHS COMPLIANT
MIL-DTL-23053/5C
E306685 cUL CERTIFIED

GMT-421 is a high shrink ratio, flame retardant, heat resistant, heat shrinkable polyolefin tube. It has excellent electrical, physical, and chemical properties that meet or exceed industry standards. Conforms well to highly variable substrates. There are no signs of denigration when exposed to solvents, chemicals, and aviation fuels.

Applications:

- Ideal for Harness Repair
- Pass Over Large Dimension, then Shrink Down to Small Size
- Covers Irregular Shapes & Connectors



Characteristics

- Operating Temperature: -55° to 135°C
- Shrink Temperature: Start at 125° C; Shrinkage Complete 200°C
- Rated to 600V
- Shrink Ratio: 4 to 1
- Colors: Black, other Colors Available Upon Request
- Resistance to Water, Fungus, UV Light
- Flammability: Self-Extinguishing
- RoHS Compliant

Physical and Electrical Properties

Property	Test Method	Standard
Tensile Strength, MPa	ASTM 2671	≥10.4
Tensile Strength after Aging, MPa	ASTM 2671/158°x168h	≥7.3
Elongation at Break, %	ASTM 2671	≥200
Elongation at Break after Aging, %	ASTM 2671/158°x168h	≥100
Dielectric Strength, kV/mm	IEC 60243	≥15
Volume Resistance	IEC 60093	≥10 ¹⁴

Dimensions

Gamma Part No (with Size in inches)	As Supplied		After Recovery			
	Minimum Inner Diameter		Maximum Inner Diameter		Total Wall Thickness	
	mm	inches	mm	inches	mm	inches
GMT-421-3/4	19.1	3/4	4.6	0.18	1.20±0.30	0.037±0.06
GMT-421-1	25.4	1	6.5	0.26	1.25±0.30	0.047±0.06
GMT-421-1-1/2	38.1	1.5	9.5	0.374	1.30±0.30	0.053±0.06
GMT-421-2	51.0	2	13.0	0.51	1.35±0.30	0.059±0.06
GMT-421-2-1/2	115.0	2.5	29.0	1.14	1.50±0.40	0.065±0.06

Certifications of Compliance and Test Reports Available Upon Request

Code	0	1	2	3	4	5	6	7	8	9	X
Color	Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Gray	White	Clear

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-421-3/4-0 = Black 3/4" Tubing 4:1 Shrink Tube