



SINGLE WALL POLYOLEFIN HIGH SHRINK RATIO TUBING

SHRINK RATIO: 4:1

MIL-DT- 23052/5C

RoHS

E306685

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.

GMT-421 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° Celsius

Shrink Temperature: Start at 70° C; Shrinkage Complete 120° C

Shrink Ratio: 4 to 1

Colors: Black, other Colors Available Upon Request

Resistance to Water, Fungus, UV Light

Flammability: Self Extinguishing

Specific Gravity: 1.35

Specifications

Gamma	Inside Diameter				Total Wall Thickness		Standard Packaging
Part No.	Minimum Expanded as Supplied		Maximum Recovered After Heating		After Heating		Packaging
W/ Size	mm	inch	mm	inch	mm	inch	4 FT Lengths
GMT-421-1	25.4	1	6.99	0.275	1.14	0.045	20'
GMT-421-112	38.1	1.5	9.53	0.375	1.14	0.045	20'
GMT-421-2	50.8	2	13.97	0.55	1.14	0.045	20'
GMT-421-3	76.2	3	20.57	0.81	1.14	0.045	20'
GMT-421-4	101.6	4	26.67	1.05	1.14	0.045	20'

Properties

Property	Test Method	Standard
Tensile Strength	ASTMD 2671	1500 PSI
Ultimate Elongation	ASTMD 2671	200%
Dialectric Strength	IEC243	500V/mil
Volume Resistance	IEC93	$\geq 1 \cdot 10^{14}$ th

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-421AL-1/4-0 = Black 1/4" Tubing

Property of Gamma Electronics

www.gammaelectronics.net