



IRRADIATED SEMI RIGID POLYOLEFIN HEAT-SHRINK TUBE

SHRINK RATIO 2:1 MIL-DTL-23053/6 CLASS 1, 2 (Clear) E306685

GMT-202SR is a semi rigid, flame retardant (Colors Only), polyolefin heat shrinkable tube.

The outstanding physical and chemical properties provide protection to rugged cable assemblies and wire harnesses. Transfers flex stress away from weak points, such as solder and crimp joints, which ensure reliability.

GMT-202SR Applications

Insulation & Repair on rugged assemblies and soldered or crimped harnesses and terminations

Resistant to abrasion, solvents, heat, and flames (Colors Only)

Cable & Connector Protection where strain relief is needed

Characteristics

Operating Temperature: -55° to 135° C

Minimum Shrink Temperature: 110° C

Minimum Full Recovery temperature: 135° C

Flame Retardant (Except Clear), UL Standard 224

Shrink Ratio: 2:1

Standard Color & Package: Black, 4 FT Lengths

Abrasion Resistant

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	4 FT Lngth
GMT-202SR-3/64	1.2	0.046	0.60	0.023	0.51±0.08	0.020±0.003	25 Pc. Bag
GMT-202SR-1/16	1.6	0.063	0.80	0.031	0.51±0.08	0.020±0.003	25 Pc. Bag
GMT-202SR-3/32	2.4	0.093	1.20	0.046	0.51±0.08	0.020±0.003	25 Pc. Bag
GMT-202SR-1/8	3.2	0.125	1.60	0.062	0.51±0.08	0.020±0.003	25 Pc. Bag
GMT-202SR-3/16	4.8	0.250	2.40	0.093	0.64±0.08	0.025±0.003	25 Pc. Bag
GMT-202SR-1/4	6.4	0.375	3.20	0.125	0.64±0.08	0.025±0.003	25 Pc. Bag
GMT-202SR-3/8	9.5	0.375	4.80	0.187	0.76±0.08	0.030±0.003	25 Pc. Bag
GMT-202SR-1/2	12.7	0.500	6.40	0.25	0.76±0.08	0.030±0.003	25 Pc. Bag
GMT-202SR-3/4	19.1	0.750	9.50	0.375	0.89±0.12	0.035±0.005	25 Pc. Bag

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-221-1/4-0 = Black ¼” Tubing

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