



MEDIUM WALL ADHESIVE LINED HEATSHRINKABLE TUBE

SHRINK RATIO 4:1

RoHS

E306685

AMS-DTL-23050/4 CLASS 3

GMT-421AL is an adhesive lined highly flexible high shrink ratio polyolefin heat shrinkable tube. The increased shrink ratio allows coverage for irregular sizes. It has excellent physical, chemical, and electrical properties. Few sizes cover a variety of diameters, which allows for inventory reduction and coverage for irregular shapes.



GMT-421AL Applications

Insulation and Strain relief for Wire terminations, electrical connections, and terminations Adhesive Line provides connector to cable connections, high moisture resistance and excellent sealant. Adhesive bonds to a variety of plastics, metals, and rubbers; including polyethylene, aluminum, steel, and copper.

Characteristics

Operating Temperature: -45° to 125° Celsius

Shrink Temperature: 120°

Flame Retardant (Except Clear)

Shrink Ratio: 4:1

Environmentally Friendly

Colors: Standard Packages Available in Black, Colors Available Upon Request

Specifications

Gamma	Inside Diameter				Total Wall Thickness		Adhesive Wall		Std. Pkg.
	Part No.	Min. Expanded as Supplied		Max. Recovery After Heating		After Heating		After Heating	
W/ Size	mm	inch	mm	Inch	mm	inch	mm	Inches	Per Bag
GMT-421AL-4mm	4	0.157	1	0.0394	1	0.0394	0.4	0.0157	100'
GMT-421AL-6mm	6	0.236	1.5	0.0591	1.1	0.0433	0.4	0.0157	100'
GMT-421AL-8mm	8	0.315	2	0.0787	1.5	0.0591	0.5	0.0197	100'
GMT-421AL-12mm	12	0.472	3	0.1181	1.7	0.0669	0.5	0.0197	20'
GMT-421AL-16mm	16	0.630	4	0.1575	2	0.0787	0.6	0.0236	20'
GMT-421AL-20mm	20	0.787	5	0.1969	2.3	0.0906	0.6	0.0236	20'
GMT-421AL-24mm	24	0.945	6	0.2362	2.5	0.0984	0.6	0.0236	20'
GMT-421AL-32mm	32	1.260	8	0.3150	2.8	0.1102	0.7	0.0276	20'
GMT-421AL-52mm	52	2.047	13	0.5118	3	0.1181	0.7	0.0276	20'

Tubing Properties

Property	Test Method	Standard
Tensile Strength	ASTMD 2671	≥ 12
Elongation at Break	ASTMD 2671	≥ 300
Tensile Strength after Aging	UL224 158CX168Hrs	≥ 7.3
Elongation at Break after Aging	UL224 158CX168Hrs	≥ 200
Dielectric Strength	IEC243	≥ 15
Volume Resistance	IEC93	1 X 10 ¹⁴

Adhesive Properties

Property	Test Method	Standard
Water Absorption	ASTM D570	<0.2%
Vicat Softening Point	ASTM E8	95°C
Peel Strength (PE)	ASTM D1000	120N/25m
Peel Strength (AL)	ASTM D1000	80N/25m

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 ¼” Tubing

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