



MEDIUM WALL ADHESIVE LINED HEATSHRINKABLE TUBE

SHRINK RATIO 3:1 RoHS COMPLIANT E306685 AMS-DTL-23053/4 Class 3

GMT-320AL is a highly flexible adhesive lined 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-320AL 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.

Characteristics

Operating Temperature: -45° to 125° Celsius

Shrink Temperature: 120°

Flame Retardant (Except Clear)

Shrink Ratio: 3:1

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		Feet'
W/ Size	mm	inch	mm	Inch	mm	inch	mm	Inches	Per Bag
GMT-320AL-1/8	3.2	0.1250	1.0	0.040	1.02±0.08	0.04±0.003	0.25±0.08	0.010±0.003	100
GMT-320AL-3/16	4.8	0.1875	1.5	0.060	1.40±0.08	0.55±0.003	0.51±0.08	0.02±0.003	100
GMT-320AL-1/4	6.4	0.2500	2.0	0.080	1.45±0.08	0.057±0.003	0.56±0.08	0.022±0.003	100
GMT-320AL-3/8	9.5	0.3750	3.0	0.120	1.65±0.08	0.065±0.003	0.68±0.08	0.027±0.003	20
GMT-320AL-1/2	12.7	0.5000	4.0	0.157	1.78±0.08	0.070±0.003	0.76±0.08	0.030±0.003	20
GMT-320AL-3/4	19.1	0.7500	6.0	0.230	2.03±0.10	0.080±0.004	0.76±0.10	0.030±0.004	20
GMT-320AL-1	25.4	1.0000	8.0	0.320	2.50±0.10	0.100±0.004	0.76±0.10	0.030±0.004	20
GMT-320AL-1-1/2	39	1.5000	13.	0.510	2.54±0.10	0.100±0.004	1.02±0.10	0.040±0.004	20

Properties

Property	Test Method	Standard
Tensile Strength	ASTM 2671	≥ 12
Elongation at Break	ASTM 2671	300%
Tensile Strength After Aging	UL224 158°Cx168h	≥7.3
Elongation at Break After Aging (%)	UL224 158°Cx168h	≥ 200
Dielectric Strength	IEC243	≥ 15
Volume Resistance	IEC93	≥ 1x10 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

Ordering Information

Standard Color: Black & Red

Standard Packaging: 4 FT lengths, 25 Pcs. Per Bag

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-321AL-1/4-0 = ¼" Black 3:1 Heat Shrink Tubing

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