



GMT-321AL

Dual Wall, Adhesive Lined, 3 to 1 Heat Shrink

SHRINK RATIO 3:1
RoHS COMPLIANT
UL RECOGNIZED COMPONENT
E306685 cUL CERTIFIED
AS23053/4 CLASS 3

GMT-321AL 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.

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° C
- Shrink Temperature: 125°C
- Flame Retardant (Except Clear, Outer Jacket Only)
- Shrink Ratio: 3:1
- Environmentally Friendly

Tubing Physical and Electrical Properties

Property	Test Method	Standard
Tensile Strength, MPa	ASTM 2671	≥10.4
Elongation at Break, %	ASTM 2671	≥300
Tensile Strength after Aging, MPa	UL224 158°Cx168h	≥7.3
Elongation at Break after Aging, %	UL224 158°Cx168h	≥200
Flammability	ASTM D2671B	Self-extinguishes within 30s
Dielectric Strength, kV/mm	IEC243	≥15
Volume Resistance, Ω-cm	ASTM D876	≥10 ¹⁴

Adhesive Properties

Property	Test Method	Standard
Water Absorption, %	ASTM D570	<0.5
Softening Point, °C	ASTM E28	90±5
Peel Strength (PE), N/25mm	ASTM D 1000	120
Peel Strength (AL), N/25mm	ASTM D 1000	80

Dimensions

Gamma Part No.	As Supplied		After Recovery		
	Minimum Inner Diameter		Maximum Inner Diameter		Adhesive Thickness
	mm	inches	mm	inches	mm
GMT-321AL-1/8-CC-L	3.2	0.125	1.0	0.040	0.40±0.10
GMT-321AL-3/16-CC-L	4.8	0.1875	1.6	0.063	0.40±0.10
GMT-321AL-1/4-CC-L	6.4	0.25	2.2	0.087	0.45±0.12
GMT-321AL-3/8-CC-L	9.5	0.375	3.2	0.126	0.50±0.12
GMT-321AL-1/2-CC-L	12.7	0.5	4.2	0.165	0.55±0.15
GMT-321AL-3/4-CC-L	19.1	0.75	6.3	0.248	0.55±0.15
GMT-321AL-1-CC-L	25.4	1.0	8.5	0.335	0.55±0.15
GMT-321AL-1-1/2-CC-L	39.0	1.5	13.5	0.531	0.60±0.20

Ordering Information

GMT-321AL-1/4-0-SP = 1/4" Black Adhesive Lined Shrink Tube on a Spool

GMT-321AL-1/4-0-4FT = 1/4" Black Adhesive Lined Shrink Tube cut to 4FT Lengths

Standard Color is Black. Other colors available upon request. Minimum Orders May Apply.

Color Key

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

Certifications of Compliance and Test Reports Available Upon Request