



GMT-321AL - Dual Wall Adhesive Lined Highly Flexible

SHRINK RATIO 3:1
RoHS COMPLIANT
E306685
AS23053/4 CL3

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: -55° to 135° Celsius
- Shrink Temperature: 120 °
- Flame Retardant (Except Clear)
- Shrink Ratio: 3:1
- Environmentally Friendly



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Specifications

| Gamma Part NO. W/ Size | Minimum Expanded as supplied | | Maximum Recovered After Heating | | Total Wall Thickness After Heating | | Total Wall Thickness After Heating | |
|------------------------|------------------------------|--------|---------------------------------|-------|------------------------------------|--------------|------------------------------------|------------|
| | mm | in | mm | in | mm | in | mm | in |
| GMT-321AL-1/8 | 3.2 | 0.125 | 1.0 | 0.040 | 0.95±0.15 | 0.037±0.06 | 0.40±0.08 | 0.010±0.03 |
| GMT-321AL-3/16 | 4.8 | 0.1875 | 1.5 | 0.060 | 1.20±0.15 | 0.047±0.06 | 0.50±0.08 | 0.020±0.03 |
| GMT-321AL-1/4 | 6.4 | 0.25 | 2.0 | 0.080 | 1.35±0.15 | 0.053±0.06 | 0.60±0.08 | 0.022±0.03 |
| GMT-321AL-3/8 | 9.5 | 0.375 | 3.0 | 0.125 | 1.50±0.15 | 0.059±0.06 | 0.60±0.08 | 0.027±0.03 |
| GMT-321AL-1/2 | 12.7 | 0.5 | 4.0 | 0.157 | 1.65±0.15 | 0.065±0.06 | 0.65±0.08 | 0.030±0.03 |
| GMT-321AL-3/4 | 19.1 | 0.75 | 6.0 | 0.23 | 1.80±0.15 | 0.071±0.079 | 0.85±0.10 | 0.030±0.04 |
| GMT-321AL-1 | 25.4 | 1.0 | 8.0 | 0.32 | 1.8±0.15 | 0.071±0.079 | 0.92±0.10 | 0.030±0.04 |
| GMT-321AL-1-1/2 | 39 | 1.5 | 13.0 | 0.510 | 2.40±0.15 | 0.0945±0.079 | 1.05±0.10 | 0.040±0.04 |

| Property | Test Method | Standard |
|-------------------------------------|------------------|---------------------|
| Tensile Strength | ASTM 2671 | ≥10.4 |
| 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 |
| 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:

- 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 Code: 0=BLK, 1=BRN, 2=RED, 3=ORN, 4=YLW, 5=GRN, 6=BLU, 7=VIO, 8=GRY, 9=WHT, X=CLR

Certifications of Compliance and Test Reports Available Upon Request