



GMT-621AL

High Shrink Ratio, Heavy Adhesive, Heat Shrinkable Tube

GMT-621AL is a heavy-duty high shrink ratio heat shrinkable tube. With a 6:1 shrink ratio, rugged wall, and heavy adhesive this product is designed to stand up to some of the most rugged environments. This product has a high impact and abrasion resistance. The heavy glue flows nicely and seals like none other. The high ratio allows for covering of various diameters, shapes, connectors, and joints. It's perfect for outdoor applications, because of how well the adhesive seals. This product may also be used to fix difficult automotive applications, where parts have become obsolete.



GMT-621AL Applications:

- Insulation & Strain Relief for Heavy Duty Connections and Wire Terminals
- Cable & Connector Protection
- Electrical Insulation
- Superior Mechanical Protection
- UV Resistance
- Weather Resistance for Terminals and Cables

Applications

- Operating Temperature -55° to 110° Celsius
- Minimum Full Recovery 120° Celsius
- 6:1 Shrink Ratio
- Available in Black Only

Tubing Physical and Electrical Properties

Property	Test Method	Standard
Tensile Strength, MPa	ASTM D 2671	≥12
Tensile Strength after Aging, MPa	ASTM D2671	≥12
Elongation at Break, %	ASTM D 2671	≥350
Elongation at Break after Aging, %	ASTM D 2671	≥300
Density, g/cm ³	ASTM D 792	1.0-1.1
Dielectric Strength, kV/mm	ASTM D 60243	≥12
Volume Resistivity, Ω-cm	ASTM D 2671	≥10 ¹²
Low Temperature Flexibility, (-40°C/4hrs)	ASTM D 2671	No Cracking of Outer Jacket

Adhesive Properties

Property	Test Method	Standard
Softening Point, °C	ASTM E28	85°C ± 5°C
Peel Strength (PE), N/cm	ASTM D 2671	≥4
Water Absorption, %	ASTM D 2671	≥0.2

Dimensions

Gamma Part NO. W/ Size	As Supplied		After Recovery			
	Minimum Inner Diameter		Maximum Inner Diameter		Total Wall Thickness	
	mm	in	mm	in	mm	in
GMT-621AL-3/4-0	19	0.75	3.2	0.126	3.2	0.126
GMT-621AL-1-1/3-0	33	1.30	5.5	0.216	3.4	0.134
GMT-621AL-1-3/4-0	44.4	1.75	7.4	0.291	3.6	0.142
GMT-621AL-2-0	50.8	2.00	8.3	0.327	4.7	0.185
GMT-621AL-2-3/4-0	69.8	2.75	11.7	0.461	4.7	0.185
GMT-621AL-3-1/2-0	88.9	3.50	17.1	0.673	4.7	0.185
GMT-621AL-4-3/4-0	119.4	4.70	22.9	0.902	4.7	0.185
GMT-621AL-9-1/4-0	235	9.25	40	1.575	4.7	0.185

Ordering Information

Part Number Example GMT-621AL-1-3/4 = 4FT Length of 1.75" ID Black Shrink Tube

GMT-621AL-2-0-2.5 = 2" ID Black Shrink Tube Cut to 2.5 Inches

Standard Packaging in 4 FT lengths

Cut-to-Length Pieces are Available Per Request