

BA 81105

Glass Cloth Tape

Description:

BA 81105 is a double-sided glass cloth tape with a silicone adhesive. The heat-resistant fiberglass cloth is coated on both sides with a high-temperature silicone adhesive that removes cleanly at elevated temperatures. At 7.1 mil it has 175 lb/in tensile strength and 40.4 oz/in adhesion to steel, and it is rated -100 to 500 °F.



Features & Benefits:

- Heat stable: -100 to 500 °F, with clean removal at elevated temperatures
- Strong, tear-resistant backing: 175 lb/in tensile strength, abrasion and edge tear resistant
- Silicone adhesive on both sides: 40.4 oz/in to steel, non-corrosive
- Approval: Mil Spec MIL-I-19166C; used in critical electrical applications

Applications:

Masking for metalizing and plasma spray coatings

Masking for welding stainless steel

Protective wrapping of wires and cables

Inner wraps for coils and transformers

Construction/ Typical Properties	Value	
Color(s):	White	
Adhesive:	Silicone	
Backing:	Glass Cloth	
Elongation at break:	10%	
	Imperial	Metric
Adhesive Thickness:	2.6 mil	66 μ
Backing Thickness:	4.5 mil	114 μ
Total Thickness:	7.1 mil	180 μ
Tensile Strength:	175 lb/in	306 N/cm
Adhesion to Steel:	40.4 oz/in	4.4 N/cm
Temperature Resistance:	-100 °F to 500 °F	-73 to 260 °C

Approvals:

Mil Spec: MIL-I-19166C

The physical properties listed above are typical values and are not to be construed as specifications. Our suggestions and recommendations for use are based on tests we believe to be reliable. **Bron Aerotech does not warrant that the product is fit for any particular purpose.** Purchaser must determine suitability of the product for the intended use. Bron Aerotech, Inc. assumes no liability for claims beyond the replacement value of our product proved to be defective. Manufactured for and distributed by Bron Aerotech.

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