

BA 642

Double Faced Glass Cloth Tape

Description:

BA 642 is a double-sided aluminum-coated glass cloth tape with a silicone adhesive on both sides. It masks for high-temperature plasma and flame spray and serves as an overlay during grit blasting; the bond is designed not to lift at high-velocity grit blasting or thermal spray. At 7.1 mil it has 30.3 oz/in adhesion to steel and is rated up to 500 °F.



Features & Benefits:

- Withstands high temperature: rated up to 500 °F; 302 °F for 3000 h and 450 °F for 168 h
- Aluminum-coated backing reflects radiant heat
- Abrasion and flame resistance Class A (acc. to LV 312)
- Secure bond: designed not to lift at high-velocity grit blasting or thermal spray

Applications:

Plasma and flame spray masking

Overlay during grit blasting

Construction/ Typical Properties	Value	
Color(s):	White	
Adhesive:	Silicone	
Elongation at break:	4%	
Backing:	Aluminum coated Glasscloth	
	Imperial	Metric
Backing Thickness:	4 mil	102 μ
Adhesive Thickness	3.1 mil	79 μ
Total Thickness:	7.1 mil	180 μ
Tensile Strength:	175 psi (ASTM D-3759)	1.2 MPa
Adhesion to Steel:	30.3 oz/in (ASTM D-1000)	3.3 N/cm
Max. Operating Temperature:	500 °F	260 °C

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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