

BA 510

Silicone and Glass Cloth Thermal Spray Masking Tape

Description:

BA 510 is a single-sided silicone glass cloth tape with a silicone adhesive for demanding thermal spray masking. It withstands grit blasting and plasma spray at up to 500 °F, conforms easily to complex parts and removes cleanly afterwards. At 12.3 mil and 53 oz/in adhesion to steel it covers grit blasting, plasma, flame and HVOF spraying.



Features & Benefits:

- Silicone adhesive system rated up to 500 °F
- Conforms easily to complex parts
- 53 oz/in adhesion to steel
- Withstands grit blast and plasma spray, removes cleanly

Applications:

Masking in grit blasting, plasma and flame spraying

Protection during HVOF spraying

Thermal spray masking in the aircraft industry

Construction/ Typical Properties	Value		Test Method
Color(s):	White		
Adhesive:	Silicone		
Backing:	Silicone Glass Cloth		
	Imperial	Metric	
Adhesive Thickness:	4.3 mil	109 µm	
Backing Thickness:	8 mil	203 µm	
Total Thickness:	12.3 mil	312 µm	
Adhesion to Steel:	53 oz/in	5.8 N/cm	ASTM-D 1000
Max. Temperature Resistance:	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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