

BA 510-40

HVOF Plasma Tape

Description:

BA 510-40 is a single-sided thick silicone glass cloth tape with a silicone adhesive, designed for the most severe HVOF (high-velocity oxy-fuel) thermal spray masking. At 43.4 mil total thickness it withstands grit blasting and the energy of the HVOF process at up to 500 °F.



Features & Benefits:

- 43.4 mil silicone glass cloth backing, highly abrasion-resistant
- Withstands grit blast and HVOF spray energy
- Rated up to 500 °F
- Clean removal at elevated temperatures

Applications:

HVOF masking

Construction/ Typical Properties	Value		Test Method
Color(s):	Teint		
Adhesive:	Silicone		
Backing:	Silicone Glass Cloth		
	Imperial	Metric	
Adhesive Thickness:	3 mil	76 µm	
Backing Thickness:	40.4 mil	1026 µm	
Total Thickness:	43.4 mil	1102 µm	
Adhesion to Steel:	60.6 oz/in	6.6 N/cm	ASTM-D 1000
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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