BA 1864-8R-GE

High Temperature Resistant Tape



Description:

BA 1864-8R-GE is a single-sided silicone rubber / fiberglass cloth tape with a silicone adhesive. It masks the areas next to parts that are plasma sprayed - a process that applies thin metal or ceramic coatings at high pressure and extreme temperatures. At 10.5 mil it is rated up to 500 °F and has a dielectric strength of 7,000 V.

Features & Benefits:

- Abrasion-resistant backing withstands grit blasting
- Silicone adhesive rated up to 500 °F prevents slippage after application
- Flexible: wraps complex shapes easily and minimizes wrinkling when cables flex
- 150 lb/in tensile strength
- Dielectric strength 7,000 V

Applications:

Plasma spray masking | Protection from grit blasting | Jet engine manufacturing and overhaul | Airline and military maintenance

Construction/ Typical Properties	Value	
Color(s):	White	
Adhesive:	Silicone	
Backing:	Silicone Glass Cloth	
Dielectric Strength:	7000 volts	
Elongation:	5%	
	Imperial	Metric
Adhesive Thickness:	3.5 mil	89 µm
Backing Thickness:	7 mil	178 µm
Total Thickness:	10.5 mil	267 µm
Tensile Strength:	150 lbs/in	263 N/cm
Adhesion to Steel:	50 oz/in	5.5 N/cm
Temperature Resistance:	-100 to 500 °F	-73 to 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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