

BA 5982

Skived, High Modulus PTFE Pressure Sensitive Adhesive Tape

Description:

BA 5982 is a single-sided modified high-modulus PTFE film tape with an acrylic pressure-sensitive adhesive, made for electrical, aerospace and industrial applications. It delivers 15,000 V dielectric strength and 60 lb/in tensile strength at 6.5 mil, for durable insulation up to 500 °F.



Features & Benefits:

- Dielectric strength 15,000 V
- Tensile strength 60 lb/in at 200% elongation
- Rated -100 to 500 °F
- Chemically inert, clean release, conformable

Applications:

Roller wrapping

Plate masking

Phase insulation

Heat sealing

Composite lay-up

Construction/ Typical Properties	Value	
Color(s):	Grey	
Adhesive:	Acrylic	
Backing:	PTFE	
Elongation:	200% at break	
Dielectric Strength:	15,000 volts	
	Imperial	Metric
Adhesive Thickness:	1.5 mil	38.1 µm
Backing Thickness:	5 mil	127 µm
Total Thickness:	6.5 mil	165 µm
Tensile Strength:	60 lb/in	105 N/cm
Adhesion to Steel:	40 oz/in	4.3 N/cm
Operating Temperature:	-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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