BA 8765-1

Polyimide Film with Silicone Adhesive



Description:

BA 8765-1 is a single-sided polyimide tape manufactured from polyimide film paired with a high-temperature adhesive. BA 8765-1 offers excellent conformability along with strong abrasion and impact resistance, making BA 8765-1 ideal for high-temperature masking, gold-finger masking, abrasion protection, and wrapping applications. BA 8765-1 meets Underwriters Laboratories Guide File E51201 with a 180°C temperature rating and complies with UL 510 for flame retardance.

Features & Benefits:

- Highly conformable
- Excellent mechanical and electrical properties
- Resistant to cut through, impacts and abrasion
- The burning of the adhesive forms a non-conductive ash

Applications:

Gold Finger Masking during wave solder applications

Holding, insulating and wrapping

Construction/ Typical Properties	Value	
Color(s):	Amber	
Adhesive:	Silicone	
Backing:	Film-Polyimide	
Elongation at Break:	50%	
Dielectric Strength:	6,500 volts	
Insulation Class:	180 (°C)	
	Imperial	Metric
Adhesive Thickness:	1.5 mils	38 µm
Backing Thickness:	1 mil	25 µm
Total Thickness:	2.5 mils	64 µm
Tensile Strength:	30 lb/in	53 N/cm
Adhesion to Steel:	25 oz/in	3.3 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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