BA 8850

Mold Release Tape



Description:

BA 8850 is a single-sided tape made from a 2-mil high-modulus PTFE. BA 8850 is designed for applications where clean release and strong dielectric properties are required. BA 8850 excels in composite lay-up, roller wrapping, plate masking, heat-sealing, and other processes where cleanup can be difficult. BA 8850 is widely used in aerospace manufacturing for phase insulation, bundling end turns, spot taping, breakout protection, and protecting airframe wire harnesses.

Features & Benefits:

- Chemically inert
- High dielectric and tensile strength
- Highly temperature resistant
- Low elongation allows it to be used in automatic wrapping equipment
- Low friction, anti-stick and nontoxic properties

Applications:

Composite lay-up | Phase insulation | Roller wrapping | Heat sealing | Plate masking

Construction/ Typical Properties	Value		Test Method
Color(s):	Grey		
Adhesive:	Rubber		
Backing:	High Modulus PTFE		
Elongation at Break:	150%		
Dielectric Strength:	8,000 Volts		
	Imperial	Metric	
Adhesive Thickness:	1.5 mils	38 µm	
Backing Thickness:	2 mils	51 µm	
Total Thickness:	3.5 mils	89 µm	
Tensile Strength:	30 lb/in	53 N/cm	
Adhesion to Steel:	25 oz/in	2.7 N/cm	
Operating Temperature (Short Term):	-40 to +325°F	-40 to +163°C	
Operating Temperature (Long Term):	-40 to +400°F	-40 to +204°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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