

BA 1033

Aircraft Outdoor Surface Protection Tape

Description:

BA 1033 is a polyurethane-film aircraft surface protection tape designed for outdoor use. BA 1033 guards exposed areas such as wing and strut leading edges. BA 1033 helps shield metals, plastics, and composite materials from abrasion, UV exposure, and rain erosion. BA 1033 is transparent allowing for easy inspection while maintaining strong adhesion on both smooth and irregular surfaces.



Features & Benefits:

- Abrasion and UV resistant
- Conformable for curves and irregular surfaces
- High strength bond to smooth or irregular surfaces
- Printable and paintable
- Non-yellowing for long term applications

Applications:

Protects leading edges of aircraft wings, struts, and stabilizers

Surface protection for metals, plastics, or composites

Construction/ Typical Properties	Value		Test Method
Color(s):	Transparent		
Adhesive:	Acrylic		
Liner:	94# Coated Kraft Paper		
Backing:	Exterior-Grade Aliphatic Polyurethane		
Film Hardness (Shore A):	80		ASTM D-2240
Elongation at Break:	500%		
	Imperial	Metric	
Adhesive Thickness:	2.5 mils	63.5 µm	PSTC-133
Backing Thickness:	12 mils	305 µm	PSTC-133
Total Thickness:	14.5 mils	368 µm	PSTC-133
Tensile Strength:	80 lb/in	140 N/cm	ASTM D-3759
Adhesion to Steel:	110 oz/in	12 N/cm	ASTM D-3330
Puncture Resistance:	40 lb	18.14 kg	ASTM D-1000
Weight:	12.5 oz/yd ²	423.82 g/m ²	
Application Temperature:	50° F to 120° F	10°C - 49°C	
Operating Temperature:	-40° F to 275° F	-40°C - 135°C	

Specifications:

- Fokker FK05-193

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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