

BA 6145

Double Coated Tape with High Shear and Temperature Resistance

Description:

BA 6145 is a transparent double-sided PET film tape with a tackified acrylic adhesive. It bonds reliably to low surface energy (LSE) substrates and can be used immediately after assembly. At 8.1 mil it has 105 oz/in adhesion to steel and withstands 392 °F short term, which suits mounting under heavy stress and on critical substrates.



Features & Benefits:

- Ready for use immediately after assembly
- Strong on mixed substrates: 105 oz/in to steel, 115.1 oz/in to PC, 98.7 oz/in to ABS, 93.2 oz/in to aluminum
- Bonds low surface energy (LSE) substrates
- Heat resistant: 392 °F short term, 212 °F long term; UV, water and weather resistance

Mounting battery packs, lenses and touchscreens

Mounting profiles and moldings

Mounting rubber / EPDM profiles

Mounting ABS parts

Construction/ Typical Properties	Value	
Color(s):	Clear	
Adhesive:	Tackified Acrylic	
Liner:	MOPP Film	
Liner Color:	Red	
Backing:	PET Film	
Elongation:	50%	
	Imperial	Metric
Adhesive Thickness:	Side A: 3.8 mil	Side A: 96.5 µm
	Side B: 3.8 mil	Side B: 96.5 µm
Backing Thickness:	.5 mil	12.7 µm
Total Thickness:	8.1 mil	205 µm
Tensile Strength:	11.4 lb/in	20 N/cm
Adhesion to Steel:	105 oz/in	11.5 N/cm
Adhesion to ABS:	98.7 oz/in	10.8 N/cm
Adhesion to Aluminum:	93.2 oz/in	10.2 N/cm
Adhesion to PC:	115.1 oz/in	12.6 N/cm
Temperature Resistance:	Short Term: 392°F	Short Term: 200°C
	Long Term: 212°F	Long Term: 100°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.