



AFB™ 6125BI

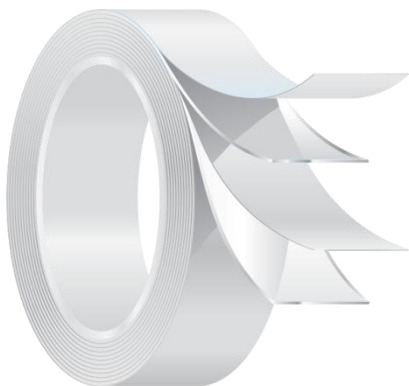
Avery Dennison AFB 6125BI is a white acrylic foam tape with double coated multi-purpose adhesive on both sides. It is used for bonding a wide range of high and medium surface energy substrates including PC/ABS. This product has excellent adhesion and shear strength, and also resists UV lights and elevated temperatures. AFB 6125BI is suitable for many interior industrial applications such as lens mounting, component fixation, frame in mobile device & display.

FEATURES:

- Foam tape with viscoelastic acrylic foam carrier
- Closed cell structure
- Acrylic adhesive system
- Easy release liner

BENEFITS:

- High adhesion combined with good shear absorbs shock and distributes stress evenly
- Good moisture, UV and high temperature resistance
- Uniform bonding performance
- Can help eliminate the need for mechanical fasteners, drilling or grinding and related clean-up for certain applications



CONSTRUCTION:

Liner:

PE coated white paper with Avery Dennison logo

Adhesive:

Multiple Purpose Acrylic

Carrier:

Black Acrylic Foam Core

Adhesive:

Multiple Purpose Acrylic

AFB 6125BI

Adhesive Properties	Typical Values			
	US Mils		mm	Microns (µm)
THICKNESS				
Adhesive + Carrier	9.8		0.25	250
Liner	6.3		0.16	160
Total	16.1		0.41	410
*PSTC-133				
PEEL ADHESION				
2 mil PET; 90°; 12" / min				
Substrate	Lbf / in		N / 25mm	
	20 min	72 hr	20 min	72 hr
Stainless steel	5.7	9.1	25	40
*PSTC-101, ASTM D-3330, STD-10				
DYNAMIC SHEAR				
2 mil PET, 0.5 in / min (12.7 mm / min) 72hr@RT				
Substrate	Lbf / in²		kPa	
Stainless steel	116		800	
*ASTM D-1002				
NORMAL TENSILE				
Aluminum 2in / min (50.8 mm / min) 1" sq (6.5 cm ²) 72hr@RT				
Substrate	Lbf / in²		kPa	
Stainless steel	87		600	
*ASTM D-897				
STATIC SHEAR				
2 mil PET; 1" sq (6.5 cm ²); 500g@90°C				
Substrate	Min to Fail			
Stainless steel	>10,000 min			
*PSTC-107, ASTM D 3654, STD-9				
TEMPERATURES				
Min. Application Temp.	50 ° F		10 ° C	
Max. Continuous Operating Temp.	192 ° F		90 ° C	
Max. Intermittent Operating Temp.	302 ° F		150 ° C	
*TEST METHODS				

Note: The listed values are typical only and not intended to serve as product specifications

APPLICATION TECHNIQUES

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance

STORAGE AND SHELF LIFE

The shelf life of the product is one year when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, in original packaging.

Please refer to Tapes.AveryDennison.com for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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For more information on our bonding tapes and adhesive solutions, visit Tapes.AveryDennison.com