



AFB™ 6120WA

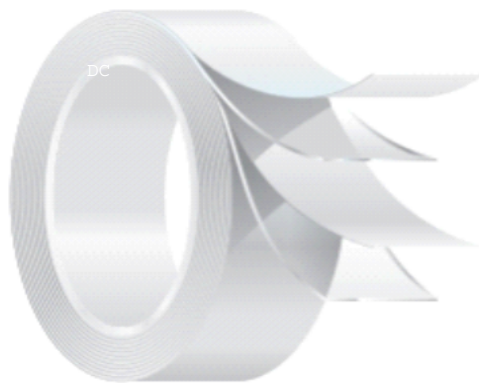
Avery Dennison™ AFB™ 6120WA is a white acrylic foam tape with double coated multipurpose acrylic adhesive on both sides. It is used for bonding a wide range of high and medium surface energy substrates including PC/ABS. This product has excellent adhesion and shear strength, and also resists UV lights and elevated temperatures. Suitable for many interior and exterior industrial applications such as nameplate, sign, frame in home appliance, display.

FEATURES

- Viscoelastic acrylic foam carrier
- Closed cell structure
- Improved productivity
- Improved aesthetics
- Selected liner system

BENEFITS

- High adhesion combined with good shear absorbs shock and distributes stress evenly
- Good moisture, UV and high temperature resistance
- High internal strength with good adhesion
- Eliminate drilling, grinding, refinishing, screwing, welding and clean-up
- Virtually invisible fastening helps keep surface smooth and clean
- Polyethylene liner provide good moisture stability and easy converting with high tear strength



CONSTRUCTION:

Liner:

Red Polyethylene Liner with Imprinted Avery Logo

Adhesive 1:

Multiple Purpose Acrylic

Carrier:

White Acrylic Foam Core

Adhesive 2:

Multiple Purpose Acrylic

AFB™ 6120WA

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		5.1	0.13	130
Carrier & Adhesive		78.7	2.00	2000
Total Caliper without Liner:		78.7	2.00	2000
Total Caliper:		83.8	2.13	2130

Peel Adhesion		ASTM D3330		
90° 12 in (300 mm) min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	20 min dwell	11.3	1,990
SS	Liner	72 hr dwell	13.0	2,289

Dynamic Shear		ASTM D1002		
180° 0.5 in (12.7 mm) / min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	72 hr dwell	76.9	13,542

Normal Tensile		ASTM D1002		
180° 2 in (50.8 mm) / min @ Room Temp				
Substrate			Lbf / in	N / Meter
Aluminum	Liner	72 hr dwell	75.4	13,278

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm2) 500 g @ 194°F / 90°C				
Substrate			Min to Fail	
SS	Liner	Initial	> 10,000	

TEMPERATURES	° F	° C
Minimum Service Temperature	194° F	90° C
Maximum Service Temperature	302° F	150° C

THE LISTED VALUES ARE TYPICAL AND NOT INTENDED TO SERVE AS PRODUCT SPECIFICATIONS

APPLICATION TECHNIQUES

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

STORAGE / SHELF LIFE

- One year when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and 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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