



AFB™ 6211B

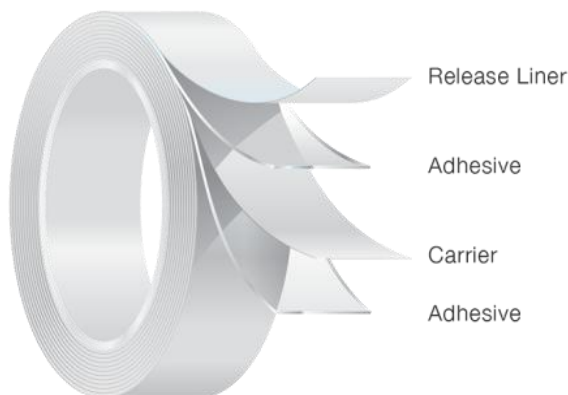
Avery Dennison AFB™ 6211B is a black acrylic foam tape with double coated modified acrylic adhesive on both sides. This conformable foam adhesive bonds well to a broad range of medium to low surface energy paints and plastics, including many powder coated paints. Excellent shear strength and resistance to UV and elevated temperatures. Suitable for office furniture and telecommunication mounting, decoration and TV frame mounting.

FEATURES:

- Foam tape with viscoelastic acrylic foam carrier
- Closed cell structure
- Acrylic adhesive system
- Easy release polyethylene 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
- Polyethylene liner helps provide good moisture stability and easier converting with its high tear strength



CONSTRUCTION:

Liner:

Red Polyethylene Liner With Imprinted Avery Logo

Adhesive:

Black Acrylic

Carrier:

Gray Acrylic Foam Core

Adhesive:

Black Acrylic

AFB™ 6211B

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US Mils	MM's	Micron's (µm)
Liner:		5.1	0.13	130
Carrier & Adhesive:		43.3	1.10	1100
Total Caliper:		48.4	1.23	1230

PEEL ADHESION Test Method(s): PSTC-101, ASTM D-3330

2 mil PET 90° 12 in /min (305 mm / min)

Substrate		Lbf / In	N / 100 mm
SS	20 min dwell	13.1	229

2 mil PET 90° 12 in /min (305 mm / min)

SS	72 hr dwell	17.4	305

DYNAMIC SHEAR Test Method(s): ASTM D-1002

2 mil PET 0.5 in /min (12.7 mm / min)

Substrate		Lbf / In ²	kPa
Liner	72 hr dwell	103.0	710

NORMAL TENSILE Test Method(s): ASTM D-897Aluminum 2 in / min (50.8 mm / min) 1" sq (6.5 cm²)

Substrate		Lbf / In ²	kPa
Aluminum	72 hr dwell	101.5	700

STATIC SHEAR Test Method(s): PSTC-101, ASTM D-33302 mil PET 1" sq (6.5 cm²) 500 g

Substrate		Min to Fail
SS	@ 90°C	> 10,000

TEMPERATURES

Long Term Temp (10,000 mins) 230 ° F 110 ° C

Short Term Temp (240 mins) 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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