



## AFB™ 6111W

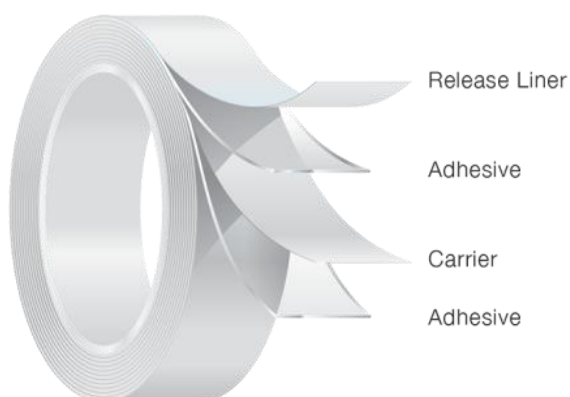
Avery Dennison AFB™ 6111W is white acrylic double coated foam tape with multipurpose acrylic adhesive on both sides. This conformable foam adhesive offers strong lamination properties and good weather and environmental resistance. An additional layer of adhesive offers resistance of migration toward plasticizer in vinyl substrates. Suitable for a wide range of applications, including large domestic appliances, nameplate or sign bonding, and control panel mounting

### FEATURES:

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

Polyethylene Coated White Paper

#### Adhesive:

Acrylic

#### Carrier:

White Acrylic Foam Core

#### Adhesive:

Acrylic

**AFB™ 6111W**

| Adhesive Properties:                  |                              | Typical Values             |            |               |
|---------------------------------------|------------------------------|----------------------------|------------|---------------|
| Thickness                             | ASTM D-3652                  | US Mils                    | MM's       | Micron's (µm) |
| Liner:                                |                              | 6.3                        | 0.16       | 160           |
| Carrier and Adhesives:                |                              | 43.3                       | 1.10       | 1100          |
|                                       |                              |                            |            |               |
| Total Caliper:                        |                              | 49.6                       | 1.26       | 1260          |
| 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                 | 12.6                       | 221        |               |
|                                       |                              |                            |            |               |
|                                       |                              |                            |            |               |
|                                       |                              |                            |            |               |
| 2 mil PET                             | 90°                          | 12 in / min (305 mm / min) |            |               |
| SS                                    | 72 hr dwell                  | 19.0                       | 333        |               |
|                                       |                              |                            |            |               |
|                                       |                              |                            |            |               |
|                                       |                              |                            |            |               |
| DYNAMIC SHEAR                         |                              |                            |            |               |
| Test Method(s): ASTM D-1002           |                              |                            |            |               |
| 2 mil PET                             | 0.5 in / min (12.7 mm / min) |                            |            |               |
| Substrate                             |                              | Lbf / In²                  | kPa        |               |
| Liner                                 | 72 hr dwell                  | 111.7                      | 770        |               |
|                                       |                              |                            |            |               |
|                                       |                              |                            |            |               |
|                                       |                              |                            |            |               |
| NORMAL TENSILE                        |                              |                            |            |               |
| Test Method(s): ASTM D-897            |                              |                            |            |               |
| Aluminum                              | 2 in / min (50.8 mm / min)   | 1" sq (6.5 cm2)            |            |               |
| Substrate                             |                              | Lbf / In²                  | kPa        |               |
| Aluminum                              | 72 hr dwell                  | 110.2                      | 760        |               |
|                                       |                              |                            |            |               |
|                                       |                              |                            |            |               |
|                                       |                              |                            |            |               |
| STATIC SHEAR                          |                              |                            |            |               |
| Test Method(s): PSTC-101, ASTM D-3330 |                              |                            |            |               |
| 2 mil PET                             | 1" sq (6.5 cm2)              | 500 g                      |            |               |
| Substrate                             |                              | Min to Fail                |            |               |
| SS                                    | @ 90°C                       | > 10,000                   |            |               |
|                                       |                              |                            |            |               |
|                                       |                              |                            |            |               |
|                                       |                              |                            |            |               |
| TEMPERATURES                          |                              |                            |            |               |
|                                       |                              | ° F                        | ° C        |               |
| Long Term Temp (10,000 mins)          |                              | 194 ° F                    | 90 ° 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](http://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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Performance  
Tapes

Asia Pacific  
Kunshan, China,  
NO. 618 Nanhe Road  
Kunshan Economic &  
Technological Zone  
China, 215335  
Phone: +86 512 57155001  
Fax: +86 512 57155059

Europe  
Tieblokkenlaan 1  
B-2300 Turnhout  
Belgium  
Phone: +32 (0)14 40 48 11  
Fax: +32 (0)14 40 48 55

South America  
Rua Francisco Foga, 225  
13280-000 Vinhedo  
SP Brazil  
Phone: +55 19 3876 7736  
Fax: +55 19 3876 7682

North America  
250 Chester Street  
Painesville, Ohio  
44077 USA  
Phone: +1 866-462-8379  
Fax: +1 888-358-4469