



## FM 7615

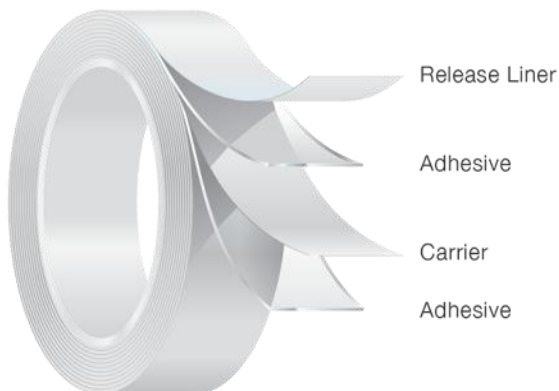
Avery Dennison FM 7615 is a black foam tape with a double coated acrylic adhesive on both sides. It has good tack and very high shear properties. FM 7615 is suitable for badge and emblem mounting in automobiles.

### FEATURES:

- Double coated polyethylene foam carrier
- Pure acrylic adhesive skin
- Polyethylene protected paper liner

### BENEFITS:

- Proven performance through multiple years of use
- Easy to die-cut properties allow for even small die-cut pieces



### CONSTRUCTION:

#### Liner:

Natural Poly-coated Kraft

#### Adhesive 1 Liner:

Acrylic

#### Carrier:

Black Closed-cell Polyethylene Foam

#### Adhesive 2 Uwind:

Acrylic

**FM 7615**

| Adhesive Properties: |                          | Typical Values |       |              |
|----------------------|--------------------------|----------------|-------|--------------|
| Thickness            | Test Method(s): PSTC-133 | US Mil's       | MM's  | Microns (µm) |
| Liner:               |                          | 5.1            | 0.13  | 129          |
| Carrier & Adhesives: |                          | 35.0           | 34.98 | 888          |
| Total Caliper:       |                          | 40.1           | 35.11 | 1017         |

| PEEL ADHESION             |             | Test Method(s): PSTC-101, A |            |           |
|---------------------------|-------------|-----------------------------|------------|-----------|
| Aluminum Foil 90° 12" min |             |                             |            |           |
| Substrate                 |             | Lbf / In                    | US Oz / In | N / Meter |
| Automotive MSE Clear Coat | 24 hr dwell | 3.7                         | 59         | 648       |
| Automotive LSE Clear Coat | 24 hr dwell | 2.0                         | 32         | 350       |

| PLUCK ADHESION                |             | Test Method(s): PSTC-101, A |            |           |
|-------------------------------|-------------|-----------------------------|------------|-----------|
| Aluminum Foil 180° 0.5" / min |             |                             |            |           |
| Substrate                     |             | Lbf / In                    | US Oz / In | N / Meter |
| Aluminum                      | 24 hr dwell | 108.8                       | 1741       | 19051     |

| DYNAMIC SHEAR                          |             | Test Method(s): ASTM D-1002, STD-27 |            |           |
|--|-------------|-------------------------------------|------------|-----------|
| Aluminum Foil 1" sq (6.5 cm2) 1" / min |             |                                     |            |           |
| Substrate                              |             | Lbf / In                            | US Oz / In | N / Meter |
| SS                                     | 24 hr dwell | 108.8                               | 1741       | 19051     |

| STATIC SHEAR                         |                | Test Method(s): PSTC-107, ASTM D 3654, STD-9 |  |  |
|--------------------------------------|----------------|--|--|--|
| Aluminum Foil 1" sq (6.5 cm2) 1000 g |                |  |  |  |
| Substrate                            |                | Lbf / In                                     |  |  |
| SS                                   | 24 hr dwell RT | > 10,000                                     |  |  |

| STATIC SHEAR                        |                    | Test Method(s): PSTC-107, ASTM D 3654, STD-9 |  |  |
|-------------------------------------|--------------------|--|--|--|
| Aluminum Foil 1" sq (6.5 cm2) 500 g |                    |  |  |  |
| Substrate                           |                    | Lbf / In                                     |  |  |
| SS                                  | 24 hr dwell @ 80°C | > 10,000                                     |  |  |

| TEMPERATURES                 | ° F     | ° C     |
|------------------------------|---------|---------|
| Long Term Temp (10,000 mins) | 194 ° F | 90 ° C  |
| Short Term Temp (240 mins)   | 212 ° F | 100 ° 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**

- Two years 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

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