



## FM 7613

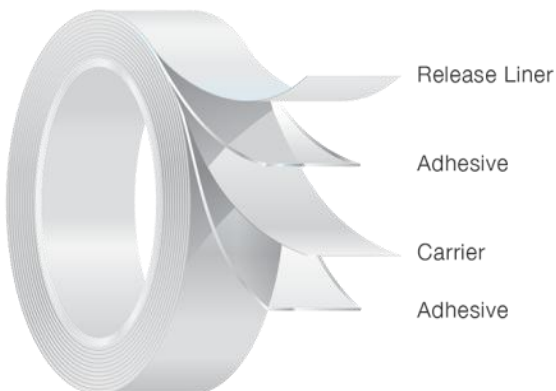
Avery Dennison FM 7613 is a black foam tape with a double coated acrylic adhesive on both sides. It has good tack and very high shear properties. FM 7613 is suitable for badge and emblem mounting in automobiles.

### FEATURES:

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

### BENEFITS:

- Suitable for logos and badges where conformability to curved surfaces is needed
- Good die-cutting properties
- Good stress relaxation
- Adoption to curved surfaces offers greater freedom during design and application



### CONSTRUCTION:

#### Liner:

Natural Poly-coated Kraft

#### Adhesive 1 Liner:

Acrylic

#### Carrier:

Black Closed-cell Polyethylene Foam

#### Adhesive 2 Uwind:

Acrylic

**FM 7613**

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US MILs	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	8.6	137	1501
Automotive LSE Clear Coat	24 hr dwell	4.6	73	800

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	65.3	1045	11434

DYNAMIC SHEAR		Test Method(s): ASTM D-1002, STD-27		
Aluminum Foil 1" sq (6.5 cm <sup>2</sup> ) 1" / min				
Substrate		Lbf / In	US Oz / In	N / Meter
SS	24 hr dwell	72.5	1160	12695

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
Aluminum Foil 1" sq (6.5 cm <sup>2</sup> ) 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 cm <sup>2</sup> ) 500 g				
Substrate		Lbf / In		
SS	24 hr dwell @ 80°C	> 10,000		

TEMPERATURES	° F	° C
Long Term Temp (10,000 mins)	85 ° F	29 ° C
Short Term Temp (240 mins)	100 ° F	37 ° 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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