

TECHNICAL DATA SHEET

Avery Dennison™ FM 7615 is a 425µ double coated anthracite polyethylene foam tape with acrylic adhesive on both sides. It has good tack and very high shear properties. It 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: Brown Poly-coated paper

Adhesive 1: Acrylic

Carrier: Anthracite closed-cell pe foam 250kg/m³

Adhesive 2: Acrylic

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)	US Mils	MM's	Micron's (µm)
Liner	5.12	0.130	130
Adhesive + carrier	16.73	0.425	425
Total Caliper	21.85	0.555	555
PEEL ADHESION (ASTM D1000) 180° (12") 300 mm / min @ Room Temp			
SUBSTRATE		Lbf / in	N / Meter
Stainless Steel	24 hr dwell	6.4	1120
DYNAMIC SHEAR (ASTM D- 1002) 1"sq (6.25 cm2) 2mm / min @ Room Temp			
SUBSTRATE		Lbf / in²	kPa
Stainless Steel	24 hr dwell	87	600
PLUCK ADHESION (ASTM D897) Aluminum 1" 180° 0.5" / min			
SUBSTRATE		Lbf / in²	kPa
MSE Clearcoat	24 hr dwell	87	600
STATIC SHEAR (ASTM D3654) 1" sq (6.5 cm2) 1000 g			
SUBSTRATE		min	
Stainless Steel	24 hr dwell	> 10.000	
TEMPERATURES		°F	°C
Minimum Application Temperature		50 °F	10 °C
Minimum Service Temperature		-40 °F	-40 °C
Maximum Service Temperature		212 °F	100 °C

Note: The listed values are typical only 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.

For more information on our bonding tapes and adhesive solutions, call us:

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