



## FM M2705

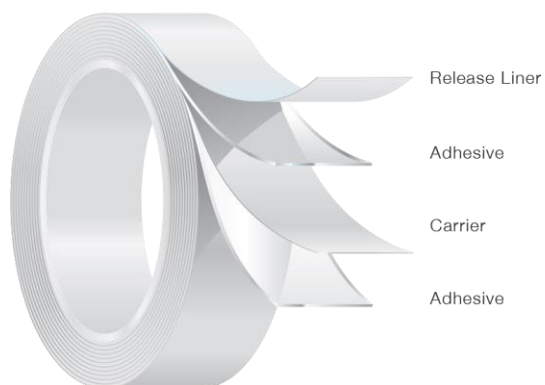
Avery Dennison FM M2705 is a solvent based pure acrylic double coated polyethylene foam tape used for high demanding mounting applications where a high shear and high performance are required. Typical application usage in the automotive industry (external side mirror system and internal rearview mirror system), in the white goods industry (holding wires, cable clips, door handle bonding) and in the building & construction industry (fixation of profiles, trims and skirting boards).

### FEATURES:

- 0,8 mm black, cross-linked, closed-cell polyethylene foam
- Solvent based pure acrylic
- Easy release transparent PET-liner

### BENEFITS:

- Provides conformability to rough, irregular, flat or curved surfaces
- High internal strength providing conformability to irregular surfaces combined with excellent gap filling properties
- High ultimate adhesion and shear bonding strength
- Excellent adhesion to a variety of metals, rigid plastics such as polypropylene, PVC, ABS and polycarbonate
- Excellent resistance to solvents, chemicals, plasticizers, temperature and UV light
- High resistance to moisture
- Tear resistant liner with excellent converting properties



### CONSTRUCTION:

#### Liner:

Transparent polyester

#### Adhesive:

Pure solvent acrylic

#### Carrier:

Black polyethylene foam 800µm

#### Adhesive:

Pure solvent acrylic

## FM M2705

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Carrier	35.43	0.900	900
Liner	1.42	0.036	36
Total	36.85	0.936	936

\*PSTC-133

### PEEL ADHESION

2 mil PET; 180°; 12" / min

Substrate	Lbf / in	N / Meter
	72 hr	72 hr
Stainless steel	>4.5	>790
ABS	>4.5	>790

### STATIC SHEAR

Foil; 1" sq (6.5 cm<sup>2</sup>); 1000 g

### Min to Fail

>1000

\*PSTC-107, ASTM D 3654, STD-9

### TEMPERATURES

Min. Application Temp.	50°F	10°C
Max. Continuous Operating Temp.	212°F	100°C
Max. Intermittent Operating Temp.	212°F	100°C

\*TEST METHODS

Note: The listed values are typical only and not intended to serve as product specifications

## APPLICATION TECHNIQUES

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance

## STORAGE AND SHELF LIFE

The shelf life of the product is two years when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, 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.

© 2018 Avery Dennison Corporation. All rights reserved. Avery Dennison® is a registered trademark of Avery Dennison Corporation. All other Avery Dennison brands, product names, antenna designs and codes or service programs are trademarks of Avery Dennison Corporation.



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

**Europe**  
Bld J.F. Kennedy 1  
7060 Soignies  
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