



FM 2405

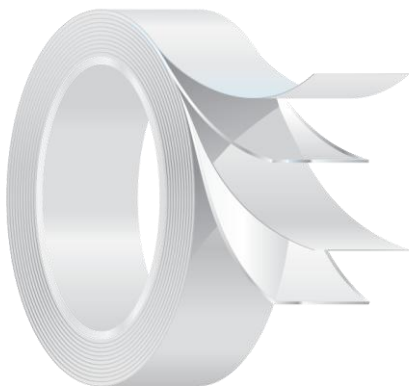
Avery Dennison FM 2405 is a 500 micron double coated black PE foam tape with a modified acrylic adhesive designed for applications bonding automotive mirrors to mirror housings where good adhesion, heat resistance, environmental resistance, gap filling and shatter resistance are important.

FEATURES:

- Modified acrylic adhesive
- Black closed cell PE foam carrier
- Poly coated kraft release liner

BENEFITS:

- Excellent resistance to solvents, chemicals, moisture, temperatures and UV light
- Provides conformability to irregular and curved surfaces along with gap filling properties
- Facilitates easy conversion into pads and die cut shapes as well as easy liner removal at the point of application



CONSTRUCTION:

Liner:

White PCK

Adhesive:

Modified Acrylic

Carrier:

Black PE Foam

Adhesive:

Modified Acrylic

FM 2405

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Carrier	19.7	0.5	500
Liner	4.3	0.11	110
Total	24.0	0.61	610

*PSTC-133

PEEL ADHESION

2 mil PET; 180°; 12" / min

Substrate	Lbf / in		N / 25 mm	
	20 min	24 hr	20 min	24 hr
Stainless steel	6.2	6.9	27	30
Polycarbonate	9.1	10.3	40	45

*PSTC-101, ASTM D-3330, STD-10

LOOP TACK

2 mil PET; 90°; 20" / min; 1" sq (6.5 cm²)

Substrate	Lbf / in	N / 25 mm
Aluminum Foil	11.4	50

*PSTC-16, STD-7

STATIC SHEAR

Foil; 1" sq (6.5 cm²); 1000 g

Min to Fail

> 10,000

*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.	284 ° F	140 ° 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 one year 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 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

For more information on our bonding tapes and adhesive solutions, visit Tapes.AveryDennison.com