



FM 2405L

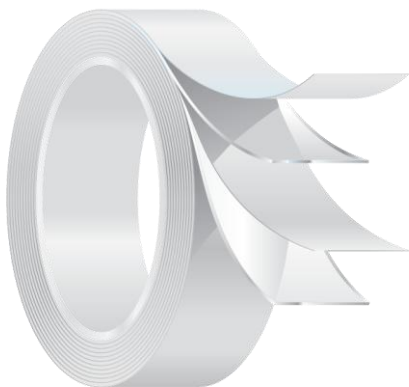
Avery Dennison™ FM 2405L is a double coated black polyethylene foam tape specifically designed for bonding automotive mirrors to mirror housings where good adhesion, heat resistance, environmental resistance gap filling and shatter resistance are important.

FEATURES:

- Closed cell polyethylene foam carrier
- Very aggressive acrylic adhesive for strong, permanent bond
- PEK liner

BENEFITS:

- Provides conformability to irregular surfaces. Gap-filing properties provide greater freedom during design
- Excellent resistance to solvents, chemicals, moisture, temperature and ultra violet light
- Enables easy conversion into pads and die cutting shapes



CONSTRUCTION:

Liner:

White PCK

Adhesive:

Modified Acrylic

Carrier:

Black PE Foam

Adhesive:

Modified Acrylic

FM 2405L

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Carrier	19.69	0.50	500
Liner	4.33	0.11	110
Total	24.02	0.61	610

*ASTM D3652

PEEL ADHESION

2 mil PET; 180°; 12" / min

Substrate	Lbf / in		N / 25mm	
	20 min	24 hr	20 min	24 hr
Stainless steel	5.2	5.9	23	26
Polycarbonate	8.2	9.3	36	41

*PSTC-101, ASTM D-3330,

Normal Tensile

2" / min; 1" sq (6.5 cm²)

Substrate	Lbf / in ²	KPa
	72 hr	72 hr
Aluminum	125	859

*ASTM D-897

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