



## FM 7669I

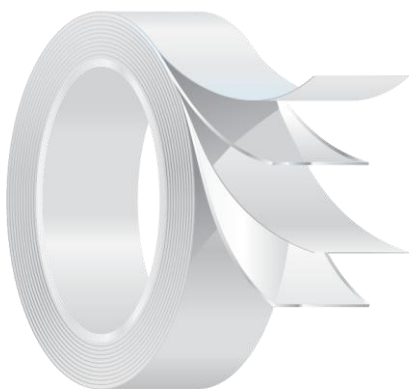
Avery Dennison FM 7669I is a 200 micron double coated black PE foam tape with a modified acrylic adhesive designed for high-end mounting applications in smart devices and electronics such as mobile phone assembly lens bonding. FM 7669I is suitable for industrial applications where dimensional stability and resistance to high temperatures, moisture and UV light are required.

### FEATURES:

- Modified acrylic adhesive
- Closed cell black PE foam carrier
- Poly coated kraft release liner

### BENEFITS:

- High adhesion on a variety of substrates, including low surface energy materials
- Excellent cohesion provides high dynamic shear and push out resistance
- Resistant to high temperatures and UV light
- Good moisture and dimensional stability
- Waterproof with IPX7 certification



### CONSTRUCTION:

#### Liner:

White PCK with Avery Dennison logo

#### Adhesive:

Modified Acrylic

#### Carrier:

Black PE Foam

#### Adhesive:

Modified Acrylic

**FM 7669I**

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
<b>THICKNESS</b>			
Adhesive + Carrier	7.8	0.20	200
Liner	4.3	0.11	110
Total	12.1	0.31	310

\*PSTC-133

**PEEL ADHESION**

2 mil PET; 180°; 12" / min

Substrate	Lbf / in		N / 25mm	
	20 min	24 hr	20 min	24 hr
Stainless steel	5.7	6.8	25	30

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

**LOOP TACK**2 mil PET; 90°; 20" / min; 1" sq (6.5 cm<sup>2</sup>)

Substrate	Lbf / in	N / 25mm
	Stainless steel	9.2

\*PSTC-16, STD-7

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

	Min to Fail
Foil; 1" sq (6.5 cm <sup>2</sup> ); 1000 g	> 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.	248 °F	120 °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](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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