



FM 7675

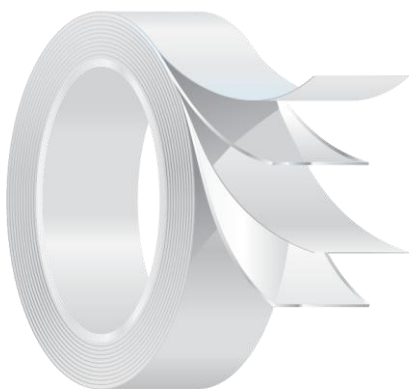
Avery Dennison FM 7675 is a 250 micron double coated black PE foam tape with a modified acrylic adhesive designed for high-end mounting applications in smart devices and electronics such as mobile phone assembly lens bonding. FM 7675 is suitable for industrial applications where dimensional stability 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

Adhesive:

Modified Acrylic

Carrier:

Black PE Foam

Adhesive:

Modified Acrylic

FM 7675

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Carrier	9.8	0.25	250
Liner	4.3	0.11	110
Total	14.1	0.36	360

*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	4.6	5.5	20	24

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

LOOP TACK

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

Substrate	Lbf / in		N / 25mm	
Stainless steel	7.8		34	

*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.	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 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.

© 2016 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

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