



FM M1750

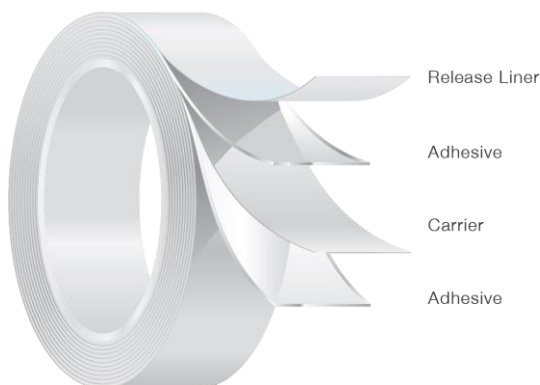
Avery Dennison FM M1750 is a rubber based double coated polyethylene foam tape used for general mounting applications where a high shear and high performance are needed and where there is a request for a low density foam.

FEATURES:

- 1,0 mm white, cross-linked, closed-cell, low density polyethylene foam
- Rubber based adhesive
- Easy release glassine 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
- Immediate high initial adhesion for part placement, high ultimate adhesion and shear bonding strength
- Excellent adhesion to a variety of metals, rigid plastics such as polypropylene, PVC, ABS and polycarbonate
- Medium resistance to solvents, chemicals, plasticizers, temperature and UV light
- High resistance to moisture
- Excellent water jet, kiss-cutting and die cutting characteristic



CONSTRUCTION:

Liner:

White glassine

Adhesive:

Solvent rubber

Carrier:

White polyethylene foam 1000µm

Adhesive:

Solvent rubber

FM M1750

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Carrier	43.31	1.100	1100
Liner	2.95	0.075	75
Total	46.26	1.175	1175

*PSTC-133

PEEL ADHESION

2 mil PET; 180°; 12" / min

Substrate	Lbf / in	N / Meter
	72 hr	72 hr
Stainless steel	>3.6	>630
ABS	>3.6	>630
Polypropylene	>3.6	>630

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

STATIC SHEAR

Foil; 1" sq (6.5 cm²); 1000 g

Min to Fail

>5000

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

TEMPERATURES

Min. Application Temp.	50°F	10°C
Max. Continuous Operating Temp.	140°F	60°C
Max. Intermittent Operating Temp.	140°F	60°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 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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