

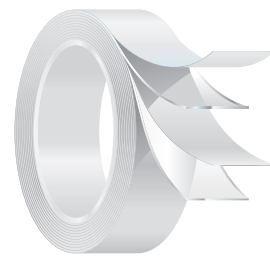


# FM M2750

**FM M2750** is part of a pressure-sensitive fastening system consisting of a variety of cross linked, closed-cell, polyethylene foams in various thicknesses, densities and colors, and coated both sides with specifically formulated pressure-sensitive adhesives.

## CONSTRUCTION & TYPICAL APPLICATION:

- Consists of a 1,0 mm white, cross-linked, closed-cell, polyethylene foam coated on both sides with a solvent based modified acrylic adhesive. It offers very high adhesion and cohesive properties.
- Produced in self-wound format on a white calendered paper liner.
- General purpose low density foam with high temperature resistance.



- Siliconized white paper
- Side 2: Solvent based modified acrylic adhesive
- White PE Foam 1,0 mm
- Side 1: Solvent based modified acrylic adhesive

## Adhesion with Substrates

Metal / Aluminium	High	Acrylic / PET	Medium
Glass / Ceramics	High	Polystyrene	Medium
Painted Surface	Medium	PP / PE / PS	Medium
Wood / Board / Paper	High	Textile / Cotton	High
Soft PVC	Medium	Rubber / EPDM	Medium
Rigid PVC	Medium	Smooth Substrate	High
PC / ABS	Medium	Rough Substrate	Medium

## RESISTANCE:

- Resistant to water, detergents, alcohol, aliphatic and some aromatic solvents. Medium resistance to plasticizers and medium outdoor resistance. Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

## SHELF LIFE:

- 2 years when stored at 15/25° C and ± 50% relative humidity.

## FM M2750

ADHESIVE DATA	Typical Values*	Test Method
Peel 180° (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4) - after 20 minutes	> 17**	FTM 1
Shear on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mm x 25mm (hours)	> 400	FTM 8

CARRIER DATA	Typical Values*	Test Method
Tensile (N/15mm)	MD 12 CD 7	DIN 53455
Elongation (%) (max.)	MD 500 CD 500	DIN 53455
Density	Low	

TEMPERATURE RESISTANCE	Typical Values*	Test Method
Minimum Application Temperature	+ 5°C	
End-use Temperature Range	- 40°C to + 100°C	

RELEASE LINER	Typical Values*	Test Method
White Siliconized Paper	90 gr/sqm	ISO 536

THICKNESS	Typical Values*	Test Method
Carrier + Adhesive	1,1mm	ISO 534

\*Values given are typical and are not necessarily for use in specifications.

\*\*Foam cleavage.

### 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

### IMPORTANT NOTICE:

Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All Avery Dennison materials described herein are sold subject to Avery Dennison Conditions of Sales, a copy of which is available upon request.

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