

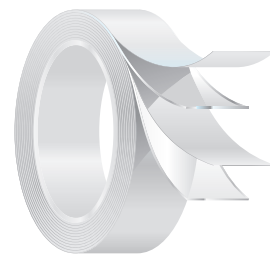


# FM M2757

**FM M2757** 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 1,6 mm white, cross-linked, closed-cell, polyethylene foam coated on both sides with a solvent based pure acrylic adhesive. It offers very high peel and shear properties.
- Produced in self-wound format on a white calendered paper liner.
- Foam tape with exceptional resistance to ageing, weathering, solvents. Recommended when a thicker foam is a must.



- Siliconized white paper
- Side 2: Solvent based pure acrylic adhesive
- White PE Foam 1,6 mm
- Side 1: Solvent based pure 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	Medium
Soft PVC	Medium	Rubber / EPDM	Medium
Rigid PVC	Medium	Smooth Substrate	High
PC / ABS	High	Rough Substrate	High

## RESISTANCE:

- Resistant to water, detergents, alcohol, aliphatic and some aromatic hydrocarbons. Not recommended for use in contact with esters, ketones and chlorinated hydrocarbons.

## SHELF LIFE:

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

## ADDITIONAL INFORMATION:

- Skin contact approval: The adhesive of FM M2757 has been lab tested and its Primary Irritation Index (P.I.I.) was calculated to be 0,1, « negligible irritating » in accordance with the criteria of ECETOC (European Center for Ecotoxicology and Toxicology Of Chemicals).
- Food contact approval: The adhesive of FM M2757 has been tested and approved for direct contact with dry, moist and non fatty foodstuffs according to the European directive 85/572/EEC, 90/109/EEC, 90/128/EEC and 2002/72/EC.

## FM M2757

ADHESIVE DATA	Typical Values*	Test Method
Peel 180° (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4) - after 20 minutes	> 25**	FTM 1
Shear on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mm x 25mm (hours)	1000	FTM 8

CARRIER DATA	Typical Values*	Test Method
Tensile (N/15mm)	MD 24 CD 17	DIN 53455
Elongation (%) (max.)	MD 400 CD 400	DIN 53455
Density	Medium	

TEMPERATURE RESISTANCE	Typical Values*	Test Method
Minimum Application Temperature	+ 10°C	
End-use Temperature Range	- 40°C to + 100°C	

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

THICKNESS	Typical Values*	Test Method
Carrier + Adhesive	1,73mm	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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