

MACmount M 1702

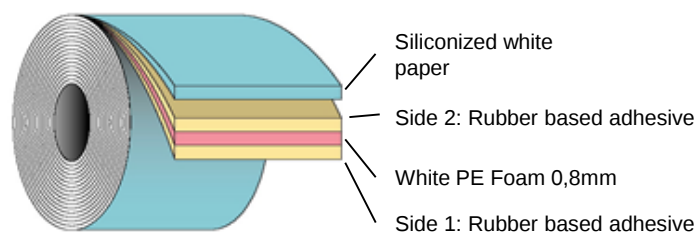
GENERAL INTRODUCTION

MACmount

- is 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.

PRODUCT DESCRIPTION

MACmount M 1702 consists of a 0,8 mm white, cross-linked, closed-cell, polyethylene foam coated on both sides with a rubber based adhesive. It offers very high peel and shear properties.



MACmount M 1702 is produced in self-wound format on a calendered paper liner.

TYPICAL APPLICATION

For applications where High Shear and High performance are required : e.g. hooks, cable clips, sky domes, hangers, rear view mirrors...

White Goods Industry: door handle bonding , holding wires and cable clips, mounting shelf support clips.

Automotive industry:: The mounting of the number plates onto car bodies.

CHARACTERISTICS

Adhesion with Substrates

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

RESISTANCE

Resistant to water, detergents and alcohol. Low resistance to plasticizers and low 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.

ADDITIONAL INFORMATION

IMDS – automotive registration: M 1702 has been introduced in the IMDS (International Material Data System)

ADHESIVE DATA	Typical Values (*)		Test Method
	Peel 180° - 20 min (N/25mm) On brushed stainless steel (ref.Nokoro 304 poli.n°4)	> 15 (**)	FTM 1
	Shear on brushed stainless steel (Ref. Nokoro 304 poli. N°4) 1kg – 25mmx25mm (hours)	> 5000	FTM 8
CARRIER DATA	Typical Values (*)		Test Method
	Tensile (N/15mm)	MD 16 CD 12	DIN 53455
	Elongation (%) (max.)	MD 500 CD 500	DIN 53455
	Density	High	
TEMPERATURE RESISTANCE	Minimum Application Temperature	+ 10°C	
	End-use temperature range	- 40°C to + 60°C	
For temperatures outside those quoted above, please consult with Mactac.			
RELEASE LINER	Silicone paper white of 90 gr/sqm		ISO 536
THICKNESS (Foam + adhesive)	0,9 mm		ISO 534

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

IMPORTANT NOTICE

All Mactac products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning Mactac products are based upon research which the Company believes to be reliable but such information do not constitute a warranty. Because of the variety of possible uses for Mactac products and the continuing development of new uses, the purchaser should carefully consider the fitness and performance of the product for each intended use and the purchaser assumes all risks in connection with such use. Seller shall not be liable for damages in excess of the purchase price of the product or for incidental or consequential damages. All specifications are subject to change without prior notice.

