

MACmount M 1705

GENERAL INTRODUCTION

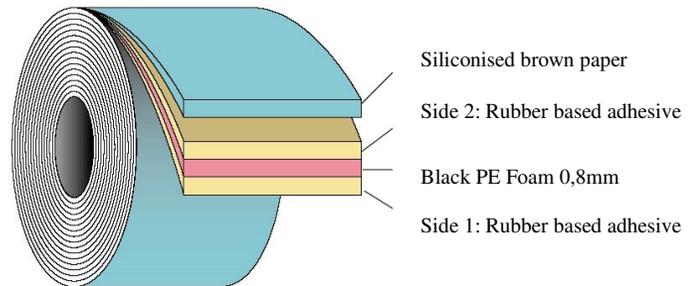
MACmount

- 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 1705 consists of a 0.8 mm black, cross-linked, closed-cell, polyethylene foam coated on both sides with a rubber based adhesive. It offers very high peel and shear properties.

MACmount M1705 is produced in self wound format on a brown calendered paper liner.



TYPICAL APPLICATION

Used when the application requires a black foam for mounting of knobs, handles, window bars,..
Automotive Industry: Fixing lettering and badges (Internal).

CHARACTERISTICS

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

RESISTANCE

Resistant to water, detergents, alcohol. Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

SHELF LIFE

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

ADDITIONAL INFORMATION

IMDS – automotive registration : M1705 has been introduced in the IMDS (International Material Data System)

ADHESIVE DATA

	TYPICAL VALUES (*)	TEST METHOD
Peel 180°- 20 min (N/25mm) on stainless steel	> 15	FTM 1
Peel (N/25mm) 23 °C	> 15	AFERA 4001
70 °C	> 5 (**)	
Shear on stainless steel (hours) 1kg-25 mm x 25mm	> 5000	FTM 8
AFERA 4012 shear results are available on request		
(**) Foam cleavage		

CARRIER DATA

	TYPICAL VALUES (*)	TEST METHOD
Tensile (N/15mm) (min.)	MD 14 CD 10	DIN 53455
Elongation (%) (max.)	MD 350 CD 350	DIN 53455
Density	High	

TEMPERATURE RESISTANCE

Minimum application temperature	+ 10 °C
End-use temperature range	-40 °C to +70 °C

For temperatures outside those quoted above, please consult with MACtac.

RELEASE LINER THICKNESS (Foam + adhesive)

Silicone paper brown of 90 gr/sqm	ISO 536
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.