

MACmount M 1703

GENERAL INTRODUCTION

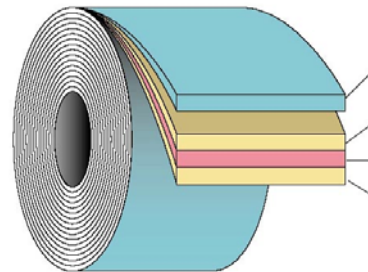
MACmount

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

PRODUCT DESCRIPTION

MACmount M 1703 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 M1703 is produced in self wound format on a PE coated release liner.



Siliconised blue paper

Side 2: Rubber based adhesive

White PE Foam 0,8mm

Side 1: Rubber based adhesive

TYPICAL APPLICATION

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

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 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 to 25°C and ± 50 % relative humidity.

**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	+ 5°C
End-use temperature range	-40°C to +60°C

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

**RELEASE
LINER
THICKNESS
(Foam + adhesive)**

Silicone paper blue of 130 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.

