

# MACmount M 1780

## GENERAL INTRODUCTION

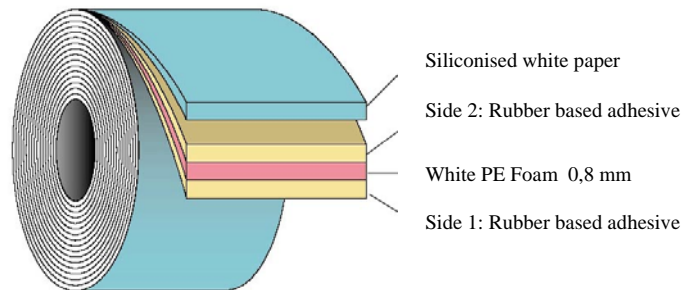
### MACmount

- 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 1780** consists of a 0.8 mm white, cross-linked, closed-cell, polyethylene foam coated on both sides with a rubber based adhesive. It offers high peel and very high shear properties.

**MACmount M 1780** 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. mirror mounting, heavy duty POS.

## CHARACTERISTICS

### Adhesion with Substrates

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

## RESISTANCE

Resistant to water, detergents and alcohol. Medium resistance to plasticizers. 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  $\pm$  50 % relative humidity.

**ADHESIVE  
DATA**

	TYPICAL VALUES (*)	TEST METHOD
Peel 180°- 20 min (N/25mm) on stainless steel	> 20 (**)	FTM 1
Peel (N/25mm)      23°C	> 20 (**)	AFERA 4001
70°C	>5 (**)	
Shear on stainless steel (hours) 1kg-25 mm x 25mm	>10000	FTM 8
AFERA 4012 shear results are available on request		
(**) Foam cleavage		

**CARRIER  
DATA**

	TYPICAL VALUES (*)	TEST METHOD
Tensile (N/15mm) (min.)	MD 22.5 CD 15	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 white 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.

