

Provisional Technical Data Sheet

# MACmount M 2753

**GENERAL INTRODUCTION**

***MACmount***

- is a pressure-sensitive fastening system consisting in a variety of cross linked, closed-cell, polyethylene foam in various thicknesses, density and colour and coated both sides with adhesives formulated for the job to be done.

**PRODUCT DESCRIPTION**

**MACmount M 2753**

- consists in a 1.0 mm white, 55 Kg density, cross-linked, closed-cell, polyethylene foam coated on both sides with an acrylic adhesive. It offers very high tack adhesive and medium shear resistance.
- is produced in a self-wound form on a paper liner.

**TYPICAL APPLICATIONS**

General purpose : nameplates, wire conduits, insulation hooks,... but special requirements for higher temperature resistance ; high tack ; good adhesion of difficult substrates (PP/PE/PS,.....see below) .

**CHARACTERISTICS**

<i>Adhesion with substrates</i>			
Metal/aluminium	high	Textile/Cotton	high
Glass/ceramics	high	Rubber/EPDM	medium
Painted surface	high	Acrylic/PET	high
Wood/Board/Paper	high	Polystyrene	high
Soft PVC	medium	PP/PE/PS	high
Rigid PVC	high	Smooth substrate	high
PC/ABS	high	Rough substrate	high

**RESISTANCE**

Resistant to water, detergents, alcohol, aliphatic and some aromatic solvents.  
 Medium resistance to plasticizers and medium outdoor resistance.  
 Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

*For further technical advice, please consult with MACTac.*

**SHELF LIFE**

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

## ADHESIVE DATA

	<u>Typical values (*)</u>		<u>Test method</u>
	<u>Side 1</u>	<u>Side 2</u>	
Peel 180° <b>after 20 minutes</b> (N/25 mm) <ul style="list-style-type: none"><li>➤ on stainless steel</li><li>➤ on HDPE</li></ul>	20 FC*	20 FC*	FTM 1
	20 FC*	20 FC*	
Peel (N/25 mm) at 23 °C	20 FC*	20 FC*	AFERA 4001
*FC = Foam clivage			
Shear on stainless steel (hours) 1 kg - 25 mm x 25 mm	50		FTM 8

## CARRIER DATA

Tensile (N/15 mm)	MD 10 CD 7	DIN 53455
Elongation (%)	MD 300 CD 300	DIN 53455
Density (approximately)(kg/m <sup>3</sup> )	± 55	

## RELEASE LINER

brown silicone coated paper of (gr/sqm)	90	ISO 536
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## THICKNESS

Foam + adhesive ( $\mu$ m)	1075
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## TEMPERATURE RESISTANCE

Minimum application temperature :	+ 5 °C
End-use temperature range :	- 40 °C to + 100 °C

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

(\*) 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 is based upon research which the Company believes to be reliable although such information does not constitute a warranty.*

*Because of the variety of uses of MACtac products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages.*

*All specifications are subject to change without prior notice.*