

MACmount ML 2780

GENERAL INTRODUCTION

PRODUCT DESCRIPTION

TYPICAL APPLICATION

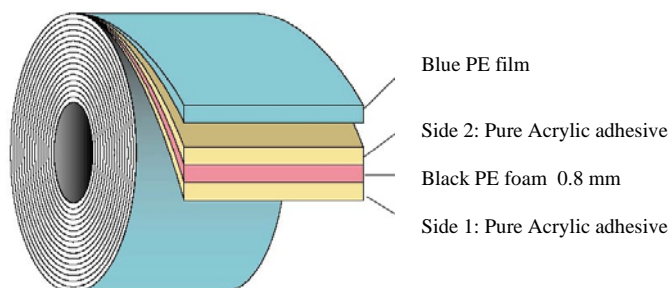
CHARACTERISTICS

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.

MACmount ML 2780 consists of a 0.8 mm black, cross-linked, closed-cell, polyethylene foam coated on both sides with an acrylic adhesive. It offers very high peel and shear properties

MACmount ML 2780 is produced in self-wound format on a blue polyethylene release liner.



Optical Industry:

The shape of the semi-finished lens needs to be adapted to the spectacles frame. This step is done by “grinding” the edges of the lens.
 The lens is mounted onto a holding device thanks to a double-sided foam pad. The pad is removed after used.
What is expected from the tape?
 Must stick well enough onto the lens and the support,
 Must peel off easily and cleanly,
 The liner must also be peeled off easily.



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

RESISTANCE

Resistant to water, detergents, alcohol, aliphatic and some aromatic hydrocarbons. Not recommended for use in contact with esters, ketones and chlorinated 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	25	FTM 1
Peel (N/25mm) 23°C	25	AFERA 4001
70°C	12	
Shear on stainless steel (hours) 1kg-25 mm x 25mm	>1000	FTM 8
AFERA 4012 shear results are available on request		

CARRIER DATA

	TYPICAL VALUES (*)	TEST METHOD
Tensile (N/15mm) (min.)	MD 30 CD 20	DIN 53455
Elongation (%) (max.)	MD 350 CD 250	DIN 53455
Density	Very High	

TEMPERATURE RESISTANCE

Minimum application temperature	+ 10°C
End-use temperature range	- 40°C to +120°C

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

RELEASE LINER

One side silicone coated blue polyethylene of 80µ	ISO 536
0.9 mm	ISO 534

THICKNESS (Foam + adhesive)

(*) 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.