

MACfilm F 2003

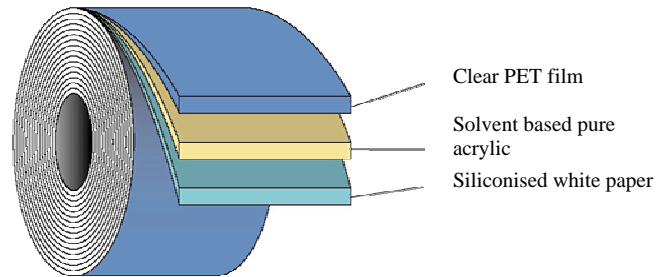
GENERAL INTRODUCTION

MACfilm

- is a transfer or unsupported pressure sensitive adhesive system for assembling purposes. The adhesives used are acrylic polymer or synthetic rubber based formulations
- is protected by one or two silicone coated release liners.

PRODUCT DESCRIPTION

MACfilm F 2003 is a free film of acrylic adhesive protected on one side with a 95 gr release liner and on the other side with a 50 µ clear polyester.



MACfilm F 2003 has medium tack and peel properties, and high shear resistance.

TYPICAL APPLICATION

For applications where High clarity is required : e.g. acrylic signs, taxi & car number plates, passports,... White Goods Industry: Mounting nameplates, emblems and backprinted graphics.

CHARACTERISTICS

Adhesion with Substrates

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

RESISTANCE

Resistant to water, detergents, alcohol, aliphatic and some aromatic hydrocarbons. Medium resistance to plasticizers and high outdoor resistance. Not recommended for use in contact with ketones, esters or chlorinated 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**

	TYPICAL VALUES (*)	TEST METHOD
Quick Tack (N/25mm) on stainless steel	10	FTM 9
Peel 180°- (N/25mm) on stainless steel		
- after 20 minutes	11	FTM 1
- after 24 hours		FTM 1
Shear on stainless steel 1kg-25 mm x 25mm (hours)	500	FTM 8

**CARRIER
DATA**

CARRIER FREE		
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**TEMPERATURE
RESISTANCE**

Minimum application temperature	+ 10°C	
End-use temperature range	-30°C to +100°C	
Short term resistance	+ 180°C	S.A.F.T. 500grs

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

**RELEASE
LINER**

Clear Polyester film of 50 µ and a silicone paper white of 93 gr/sqm	ISO 534	
Thickness (Adhesive)	30 µ	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.

