

MACbond B 1121

MACbond

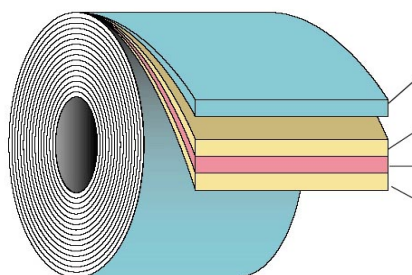
is an assembling system consisting of a thin carrier (paper, non woven, film or others), coated on both sides with a uniform layer of adhesive.

– the adhesives used are pressure-sensitive acrylic polymer or synthetic rubber based formulations.

is produced in roll or sheet format with a single or double release liner, so that the product chosen best suits the customer's needs.

MACbond B 1121 consists of a thin polyester film coated on one side with a removable solvent based pure acrylic adhesive and on the other side with a permanent rubber based adhesive.

MACbond B 1121 is produced in self-wound format protected by a white kraft paper coated with PE on both sides.



PE coated paper
Side 2: removable solvent based pure acrylic adhesive
PET film 12 µ
Side 1: permanent rubber based adhesive

MACbond B 1121 Permanent/Removable : designed for the protection of pads, revolving signs, POS and reclosure systems.

Adhesion with Substrates

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

Resistant to water, detergents and alcohol, Plasticizers: side 1 is highly resistant whereas side 2 has low resistance, Outdoor: side 1 is highly resistant and side 2 has low resistance. Not recommended for use in contact with aliphatic or aromatic hydrocarbons,

2 years when stored at 15/25°C and 50% relative humidity

IMDS – automotive registration : B 1121 has been introduced in the IMDS (International Material Data System)

Contains more than 0.1% (w/w) of Bis (2-ethyl(hexyl)phthalate) (DEHP) CAS number 117-81-7. You can find more information on this substance on <http://www.dehp-facts.com/>

GENERAL INTRODUCTION

PRODUCT DESCRIPTION

TYPICAL APPLICATION

CHARACTERISTICS

RESISTANCE

SHELF LIFE

ADDITIONAL INFORMATION

ADHESIVE DATA

	TYPICAL VALUES (*)		TEST METHOD
	Side 1	Side 2	
Quick Tack (N/25mm) on stainless steel	15	4	FTM 9
Peel 180°- (N/25mm) on stainless steel			
- after 20 minutes	13	4	FTM 1
- after 24 hours	15	5	FTM 1
Shear on stainless steel 1kg-25 mm x 25mm (hours)	> 250	-	FTM 8

CARRIER DATA

	TYPICAL VALUES (*)		TEST METHOD
	Side 1	Side 2	
Thickness (µ)	12		ISO 534
Tensile (N/15mm) (min.)	MD 25 CD 27		DIN 53455
Elongation (%) (max.)	MD 180 CD 180		DIN 53455

TEMPERATURE RESISTANCE

Minimum application temperature	Side 1:+5°C Side 2:-15°C	
End-use temperature range	-40°C to +90°C	
Short term resistance	+ 105°C	S.A.F.T. 500grs

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

RELEASE LINER

PE coated paper of 120 (gr/sqm)		ISO 536
THICKNESS (Carrier+Adhesive) 70 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.

