

*Provisional data sheets are subject to revision. The latest version is available on our website www.mactac.eu or on demand

MACbond B 1121

GENERAL INTRODUCTION

PRODUCT DESCRIPTION

TYPICAL APPLICATION

CHARACTERISTICS

RESISTANCE

SHELF LIFE

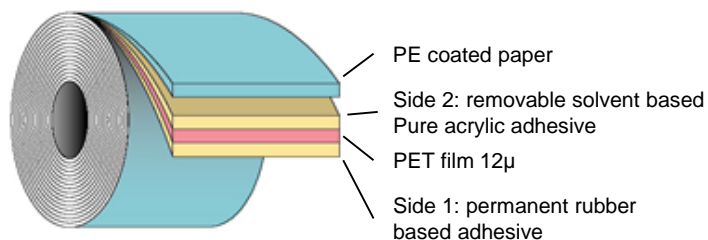
ADDITIONAL INFORMATION

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.



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

Adhesion with Substrates			
Metal / Aluminium	Low / Medium	Acrylic / PET	Low / Medium
Glass / Ceramics	Low / Medium	Polystyrene	Low / Medium
Painted Surface	Low / Medium	PP / PE / PS	Low / Medium
Wood / Board / Paper	Low / Medium	Textile / Cotton	Low / Medium
Soft PVC	Low / Low	Rubber / EPDM	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)

ADHESIVE DATA

	Typical Values (*)		Test Method
	Side 1	Side 2	
Quick Tack (N/25mm) On brushed stainless steel (ref. Nokoro 304 poli. N°4)	13	4	FTM 9
Peel 180° - (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)	12	4	FTM 1
- after 20 minutes	14	5	FTM 1
- after 24 hours			
Shear on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mmx25mm (hours)	> 250	-	FTM 8

CARRIER DATA

	Typical Values (*)		Test Method
Thickness (μ)	12		ISO 534
Tensile (N/15mm)	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 1 20 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.

