

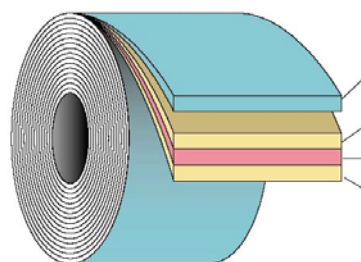
MACbond B 2112

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 2112 consists of a thin polyester carrier coated on both sides with a solvent based modified acrylic adhesive. It offers high tack and peel properties with medium shear resistance.



Siliconised yellow paper
Side 2: Solvent based modified acrylic adhesive
PET 12 µm
Side 1: Solvent based modified acrylic adhesive

MACbond B 2112 is produced in self-wound format on a calendered paper liner.

Automotive Industry : Fixing Lexan or PC printed nameplates onto ABS (in dash boards or air-conditioning boxes). White Goods Industry: Mounting of Sound dampening/Foam substrates, Gaskets and Seals, nameplates, emblems, backprinted graphics.

Adhesion with Substrates

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	Low	PP/PE/PS	High
Rigid PVC	High	Smooth substrate	High
PC/ABS	High	Rough substrate	High

Resistant to water, detergents and alcohol. 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.

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

Skin contact approval: The adhesive of B 2112 has been lab tested and its Primary Irritation Index (P.I.I) was calculated to be 0.8, « slightly irritating » in accordance with the criteria of ECETOC. (= European Center for Ecotoxicology and Toxicology Of Chemicals).

IMDS – automotive registration : B 2112 has been introduced in the IMDS (International Material Data System)

GENERAL INTRODUCTION

PRODUCT DESCRIPTION

TYPICAL APPLICATION

CHARACTERISTICS

RESISTANCE

SHELF LIFE

ADDITIONAL INFORMATION

ADHESIVE DATA

	TYPICAL VALUES (*)	TEST METHOD
Quick Tack (N/25mm) on stainless steel	22	FTM 9
Peel 180°- (N/25mm) on stainless steel		
- after 20 minutes	26	FTM 1
- after 24 hours	27	FTM 1
Shear on stainless steel 1kg-25 mm x 25mm (hours)	100	FTM 8

CARRIER DATA

	TYPICAL VALUES (*)	TEST METHOD
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	+ 8°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

Silicone paper yellow of 90 gr/sqm		ISO 536
THICKNESS (Carrier+Adhesive) 100 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.

