

MACbond B 1167

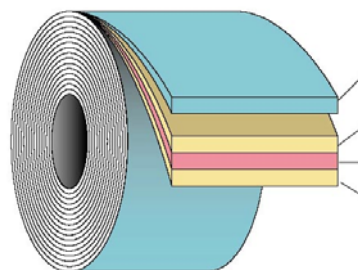
GENERAL INTRODUCTION

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.

PRODUCT DESCRIPTION

MACbond B1167 consists of a thin polyester carrier coated with two different rubber based adhesives. It offers very high tack and peel properties, and a low shear resistance on side 1, and average tack, peel and shear properties on side 2.



Siliconised white paper
Side 2: rubber adhesive
PET film 12 μ
Side 1: rubber adhesive

MACbond B1167 is produced in self wound format on a kraft release liner.

TYPICAL APPLICATION

Automotive Industry: Mounting of Zinc pads onto the wings (for anti-corrosion).
Optical Industry: Used for mounting polishing pads onto its support.

CHARACTERISTICS

Adhesion with Substrates

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

RESISTANCE

Resistant to water, detergents, alcohol. Not recommended for use in contact with aliphatic or aromatic hydrocarbons,

SHELF LIFE

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

ADHESIVE DATA

	TYPICAL VALUES (*)	TEST METHOD
Quick Tack (N/25mm) on stainless steel	40/14	FTM 9
Peel 180° - (N/25mm) on stainless steel		
- after 20 minutes	30/13	FTM 1
- after 24 hours	31/13	FTM 1
Shear on stainless steel 1kg-25 mm x 25mm (hours)	3/250	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	Side1: + 15°C Side2: + 5°C	
End-use temperature range	-40°C/+50°C	
Short term resistance	+ 55°C	S.A.F.T. 500grs

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

RELEASE LINER

Silicone paper white 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

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