

MACbond B 1510

MACbond

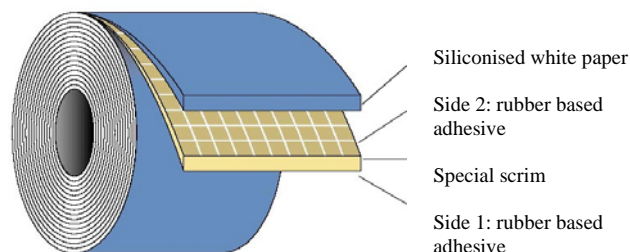
- is an assembling system consisting of a thin carrier (paper, non woven, film or others),.
- the adhesives used are pressure-sensitive acrylic polymer or synthetic rubber based formulations.
- is produced in roll or sheet format with a single or double release liner, so that the product chosen best suits the customer's needs.

GENERAL INTRODUCTION

PRODUCT DESCRIPTION

MACbond B 1510 consists of a rubber based scrim coated on both sides. It offers high tack and peel.

MACbond B 1510 is produced in self-wound format on a white paper liner, siliconized on both sides.



TYPICAL APPLICATION

MACbond B 1510 is suitable for fibrous and porous materials and also for adhesion to wood. White Goods Industry: Sound dampening / foam mounting etc...

The presence of the scrim strengthens the film and increases its resistance to elongation both in machine direction and cross direction

CHARACTERISTICS

Adhesion with Substrates

Metal / Aluminium	High	Textile/Cotton	High
Glass / Ceramics	High	Rubber/EPDM	High
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

RESISTANCE

Resistant to water, detergents and alcohol. Low resistance to plasticizers and low outdoor resistance. Not recommended for use in contact with aliphatic or aromatic hydrocarbons. For further technical advice, please consult with MACTac.

SHELF LIFE

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

APPROVAL

The adhesive used has been approved for direct contact with dry or humid food. (Not suitable for direct contact with fat). Approval certificate ISEGA 27869 U 09.

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	28	FTM 1
Shear on stainless steel 1kg-25 mm x 25mm (hours)	15	FTM 8

CARRIER DATA

	TYPICAL VALUES (*)	TEST METHOD
Weight Scrim (g/sqm)	5	ISO 534
Mesh (number/cm)	3.3 vertical / 1 horizontal	

		MD	CD	Test Method
B 1510	Tensile Strength (N/15 mm)	15.8	6.5	ISO 527
F 1018	Tensile Strength (N/15 mm)	0.1	0.1	

MD : Machine Direction
CD : Cross Direction

TEMPERATURE RESISTANCE

Minimum application temperature	5°C
End-use temperature range (**)	- 40°C to + 70°C

(**) when working under extreme T° of this range , please contact Mactac for further information.

RELEASE LINER THICKNESS (Carrier+Adhesive)

Silicone white paper of 60 μ	ISO 534
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.

