

MACbond B 1518

MACbond

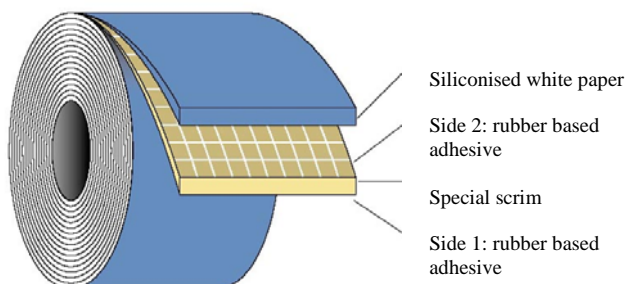
- is an assembling system consisting of a thin carrier (paper, non woven, film or others),.
- the adhesives used are pressure-sensitive acrylic polymer or synthetic rubber based formulations.
- is produced in roll or sheet format with a single or double release liner, so that the product chosen best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

GENERAL INTRODUCTION

PRODUCT DESCRIPTION

MACbond B 1518 consists of a rubber based scrim coated on both sides. It offers high tack and peel.

MACbond B 1518 is produced in self-wound format on a white paper liner, siliconized on both sides.



TYPICAL APPLICATION

MACbond B 1518 is suitable for fibrous and porous materials and also for adhesion to wood. White Goods Industry: Sound dampening / foam mounting etc...

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 | 21 | FTM 9 |
| Peel 180° - (N/25mm) on stainless steel - after 20 minutes | 25 | FTM 1 |
| Shear on stainless steel 1kg-25 mm x 25mm (hours) | 30 | 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 | | |
| B 1518 | 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 |
| 80 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.

