

MACbond B 1179

GENERAL INTRODUCTION

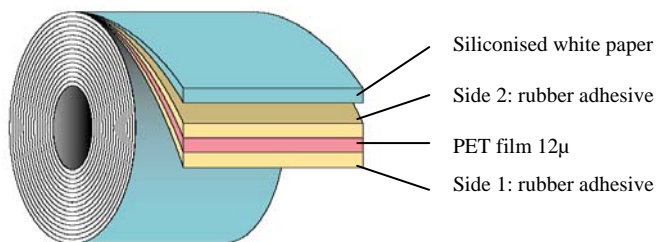
MACbond

- 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 B 1179 consists of a thin polyester film coated on both sides with a rubber based adhesive. It offers high tack and peel properties.

MACbond B 1179 is produced in self-wound format on a siliconised back printed paper liner.



TYPICAL APPLICATION

Reclosure tape for packaging

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.

FOOD CONTACT

ISEGA COMPLIANCE CERTIFICATE Nr 32720 U 11 – validity 27/11/2013

The adhesive of the MACBOND B1179 complies to the European Commission Regulations (EC)975/2009 amending (Directive (EC) 2002/72), and to (EC) 1935/2004 as well as to the American Regulation for Food and Drugs (FDA) 21 CFR Ch I, (April 2010 edition), §175.105. In accordance with the European provisions, the adhesive layer may stand in direct contact with dry and moist, non fatty foodstuffs. It may also stand in direct contact with fatty foodstuffs such as meat and cheese provided that the ratio between contact surface of the adhesive and the weigh of the food is not higher than 1dm²/kg, considering only the end-user side. The converter side being applied on the package, it has not been considered in this test.

In accordance with the American Regulation (FDA), the adhesive must be separated from the food stuff by a functional barrier. This barrier is depending on different parameters that are not under the responsibility of the adhesive supplier, but under the responsibility of the converter and the packager.

According to annex1, point 3 of the directive 2002/72/EC, the migration test should be carried out on the finished article under preferably real conditions of use. This means that it is not allowed to take only one element, e.g. the adhesive, which moreover represents only a small part of the total packaging, into consideration as an official approbation.

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	16 (converter side) 11(end user)	FTM 9
Peel 180°- (N/25mm) on stainless steel - after 20 minutes	13 (converter side) 9 (end user side)	FTM 1
Shear on stainless steel 1kg-25 mm x 25mm (hours)	> 1000	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	+0°C
End-use temperature range	- 40°C to + 70°C

(**) when working under temperatures close to the upper or lower limits of the “end-use temperature range”, please contact Mactac for further information..

RELEASE LINER

silicone paper white 60gr/sqm	ISO 536
THICKNESS (Carrier+Adhesive) 50 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.