

# MACbond B 1136

## GENERAL INTRODUCTION

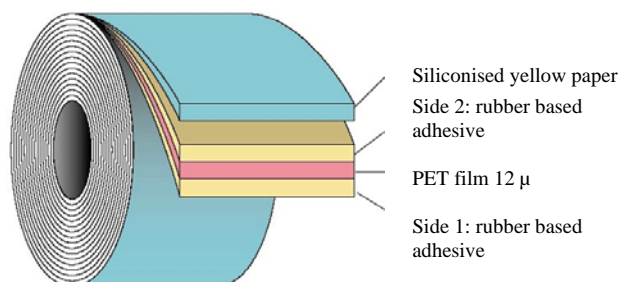
### MACbond

- 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 1136** consists of a thin polyester carrier coated on both sides with a rubber based adhesive. It offers very high tack and peel properties, and low shear resistance.

**MACbond B 1136** is produced in self-wound format on a calendered paper liner.



## TYPICAL APPLICATION

For applications where a High Tack, soft adhesive is required for rough surfaces, e.g. foam coating, fabrics, leather goods.

## CHARACTERISTICS

### Adhesion with Substrates

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

## RESISTANCE

Resistant to water, detergents and alcohol. Very Low resistance to plasticizers and very 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.

## ADDITIONAL INFORMATION

**IMDS – automotive registration** : B 1136 has been introduced in the IMDS (International Material Data System)

**ADHESIVE DATA**

	TYPICAL VALUES (*)	TEST METHOD
Quick Tack (N/25mm) on stainless steel	34	FTM 9
Peel 180°- (N/25mm) on stainless steel		
- after 20 minutes	27	FTM 1
- after 24 hours	29	FTM 1
Shear on stainless steel 1kg-25 mm x 25mm (hours)	3	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	+ 17°C	
End-use temperature range	-40°C to +50°C	
Short term resistance	+ 55°C	S.A.F.T. 500grs

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

**RELEASE LINER THICKNESS (Carrier+Adhesive)**

Silicone paper yellow of 90 gr/sqm		ISO 536
100 µ		ISO 534

(\*) Values given are typical and are not necessarily for use in specifications.

**IMPORTANT NOTICE**

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