

MACbond B 2173

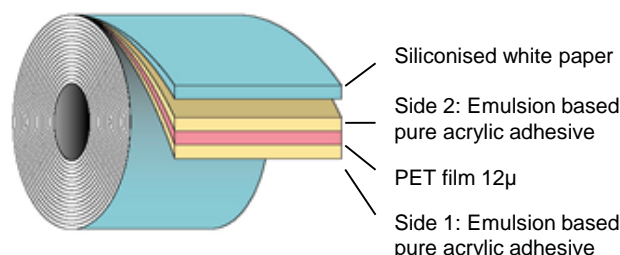
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MACbond

- 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

MACbond B 2173 consists of a thin polyester carrier coated on both sides with an emulsion based pure acrylic adhesive. It offers medium tack, peel and shear properties.

MACbond B 2173 is produced in self-wound format on a calendared paper liner.



For applications requiring high temperature resistance but for light duty needs: reclosure of flexible bags, poster mounting, double glazing (spacer bars),...

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

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

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

The adhesive MI165 has been tested for food contact and may be used safely in the fabrication of the label construction MACbond B2173 which is in turn employed as adhesive tape on the exterior side of resealable flexible packaging bags. Test results indicate that the packages manufactured with it may be employed for the packaging of dry and moist foods including dairy products as well as of such kind of fatty foods for which a correction factor of at least 3 can be applied according to Annex III, Table 2 of Regulation (EU) No 10/2011, as far as the adhesive grade mentioned above is concerned. Thereby, an incidental short-term contact of the above mentioned food with the adhesive MI165 is safe.

	Typical Values (*)	Test Method
ADHESIVE DATA	Quick Tack (N/25mm) <i>On brushed stainless steel</i> <i>(ref. Nokoro 304 poli. N°4)</i>	10 FTM 9
	Peel 180° - (N/25mm) <i>on brushed stainless steel</i> <i>(ref. Nokoro 304 poli. N°4)</i>	10 FTM 1
	- after 20 minutes	16 FTM 1
	- after 24 hours	
	Shear on brushed stainless steel <i>(ref. Nokoro 304 poli. N°4)</i> 1kg – 25mmx25mm (hours)	> 200 FTM 8
CARRIER DATA		Typical Values (*)
	Thickness (μ)	12 ISO 534
	Tensile (N/15mm)	MD 25 CD 27 DIN 53455
	Elongation (%) (max.)	MD 180 CD 180 DIN 53455
TEMPERATURE RESISTANCE	Minimum Application Temperature	- 5°C
	End-use temperature range	- 40°C to + 180°C
	Short term resistance	+ 200°C S.A.F.T. 500grs
	For temperatures outside those quoted above, please consult with Mactac.	
RELEASE LINER	White glassine of 65 gr/sqm	ISO 536
THICKNESS (Carrier + adhesive)	60 μ	ISO 534

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

IMPORTANT NOTICE

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