

*Provisional data sheets are subject to revision. The latest version is available on our website www.mactac.eu or on demand

MACbond B 2133

GENERAL INTRODUCTION

PRODUCT DESCRIPTION

TYPICAL APPLICATION

CHARACTERISTICS

RESISTANCE

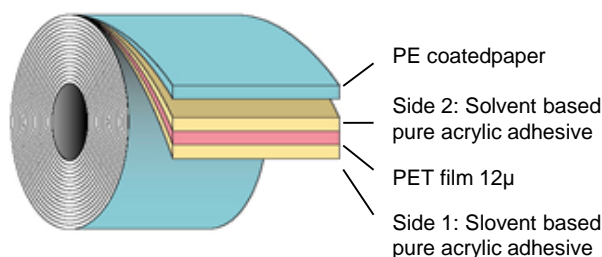
SHELF LIFE

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 2133 consists of a thin polyester carrier coated on both sides with a solvent based pure acrylic adhesive Tack is average but higher on the end-user side, high shear resistance.

MACbond B 2133 is produced in self-wound format on a kraft paper liner coated with PE on both sides.



Thanks to its very good shear and high resistance to solvents, B2133 is mainly used for joins on rotary press cliché for book printing.

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	Medium

Resistant to water, detergents, alcohol, aliphatic and some aromatic solvents. Not recommended for use in contact with ketones, esters, aromatic and chlorinated hydrocarbons.

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

ADHESIVE DATA

	Typical Values (*)	Test Method
Quick Tack (N/25mm) On brushed stainless steel (ref. Nokoro 304 poli. N°4)	10	FTM 9
Peel 180° - (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)	10	FTM 1
- after 20 minutes	12	FTM 1
- after 24 hours		
Shear on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mmx25mm (hours)	500	FTM 8

CARRIER DATA

	Typical Values (*)	Test Method
Thickness (μ)	12	ISO 534
Tensile (N/15mm)	MD 25 CD 27	DIN 53455
Elongation (%)	MD 180 CD 180	DIN 53455

TEMPERATURE RESISTANCE

Minimum Application Temperature	+ 3°C	
End-use temperature range	- 40°C to + 110°C	
Short term resistance	+ 130°C	S.A.F.T. 500grs

For temperatures outside those quoted above, please consult with Mactac.

RELEASE LINER

Silicone paper white of 120 gr/sqm		ISO 536
THICKNESS (Carrier + adhesive) 90 μ		ISO 534

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

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