

# MACfilm F 2001

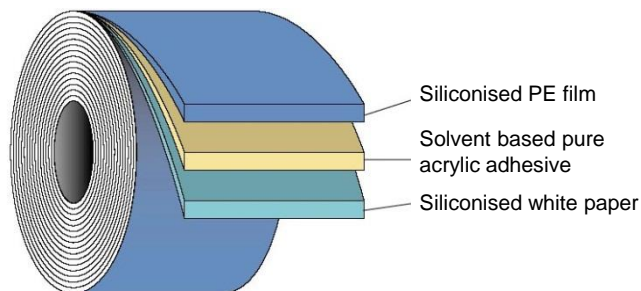
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- PRODUCT DESCRIPTION
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### MACfilm

- is a transfer or unsupported pressure sensitive adhesive system for assembling purposes. The adhesives used are acrylic polymer or synthetic rubber based formulations
- is protected by one or two silicone coated release liners.

**MACfilm F 2001** is a free film of solvent based pure acrylic adhesive protected on one side with a 95 gr kraft paper liner and on the other side with a 100 µ clear polyethylene film.

**MACfilm F 2001** has medium tack and peel properties, and high shear resistance.



For applications where high clarity is required : e.g. acrylic signs, taxi & car number plates, passports,...

### Adhesion with Substrates

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

Resistant to water, detergents, alcohol, aliphatic and some aromatic hydrocarbons. Medium resistance to plasticizers and high outdoor resistance. Not recommended for use in contact with ketones, esters or chlorinated hydrocarbons.

*For further technical advice, please consult with Mactac.*

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

**Skin contact approval:** The adhesive of F 2001 has been lab tested and its Primary Irritation Index (P.I.I.) was calculated to be 0,1, « negligible irritating » in accordance with the criteria of ECETOC.

**Automotive approval:** British Standard : BS AU145D

**ADHESIVE DATA**

**CARRIER DATA**

**TEMPERATURE RESISTANCE**

**RELEASE LINER**

**THICKNESS (Carrier+Adhesive)**

	TYPICAL VALUES (*)	TEST METHOD
Quick Tack (N/25mm) on Brushed stainless steel (ref. Nokoro 304 poli. N°4)	11	FTM 9
Peel 180°-20 min (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N)	12	FTM 1
- after 20 minutes	14	FTM 1
- after 24 hours		
Shear on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg-25mm x 25mm (hours)	500	FTM 8
<b>CARRIER FREE</b>		
Minimum application temperature	+ 10° C	
End-use temperature range	- 30° C + 100° C	
Short term resistance	+ 180° C	S.A.F.T. 500grs
For temperatures outside those quoted above, please consult with Mactac		
Clear PE film of 100µ and a silicone paper white of 95 g/sqm		ISO 536
43 µ		ISO 534

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

**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.

