

MACfilm F 2023

GENERAL INTRODUCTION

PRODUCT DESCRIPTION

TYPICAL APPLICATION

CHARACTERISTICS

RESISTANCE

SHELF LIFE

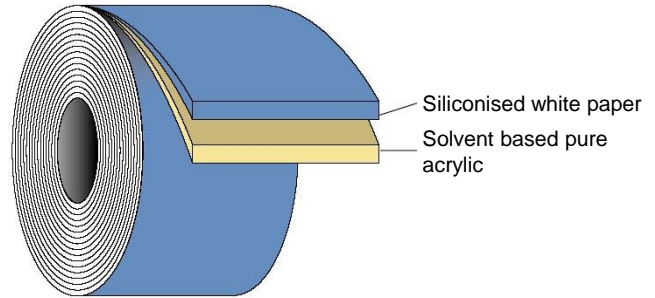
ADDITIONAL INFORMATION

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 2023 is a free film of solvent based pure acrylic adhesive. It offers high tack and peel, and very high shear properties

MACfilm F 2023 is produced in self-wound format on calendered paper liner.



For applications where High temperature resistance is required : e.g. signs, nameplates, holograms, heavy duty foam coating..

Adhesion with Substrates

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

Resistant to water, detergents, alcohol, aliphatic and some aromatic hydrocarbons. High 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 2023 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. (= European Center for Ecotoxicology and Toxicology Of Chemicals).

Food contact approval: The adhesive of F 2023 has been tested and approved for direct contact with dry, moist and some non-fatty foodstuffs according to the European directive 85/572/EEC

IMDS – automotive registration : F 2023 has been introduced in the IMDS (International Material Data System)

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)	17	FTM 9
Peel 180°-20 min (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)	16	FTM 1
- after 20 minutes	17	FTM 1
- after 24 hours		
Shear on stainless steel (ref. Nokoro 304 poli. N°4) 1kg-25mm x 25mm (hours)	500	FTM 8
CARRIER FREE		
Minimum application temperature	+ 10° C	
End-use temperature range	- 40° C + 180° C	
Short term resistance	+ 200° C	S.A.F.T. 500grs
For temperatures outside those quoted above, please consult with Mactac		
Silicone paper white of 90 gr/sqm		ISO 536
60 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.

