

MACfilm F 2055

GENERAL INTRODUCTION

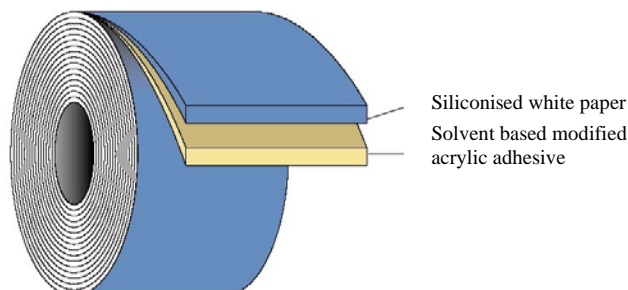
MACfilm

- 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.

PRODUCT DESCRIPTION

MACfilm F 2055 is a free film of solvent based modified acrylic adhesive. It offers high tack and adhesion and medium shear properties.

MACfilm F 2055 is produced in self-wound format on a white paper liner.



TYPICAL APPLICATION

General purpose : fascia panels, tamper proof labels. White goods Industry : mounting nameplates, emblems, backprinted graphics

CHARACTERISTICS

Adhesion with Substrates

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

RESISTANCE

Bad resistance 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.

SHELF LIFE

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

ADDITIONAL INFORMATION

Skin contact approval : the adhesive of 2055 has been tested by "Huntingdon Life Sciences Ltd" and its Primary Irritation index (P.I.I) was calculated to be 0.8, "slightly irritating" in accordance with the criteria of ECETOC (European Center of Ecotoxicology and Toxicology of Chemicals)

IMDS – automotive registration : F 2055 has been introduced in the IMDS (International Material Data System)

**ADHESIVE
DATA**

	TYPICAL VALUES (*)	TEST METHOD
Quick Tack (N/25mm) on stainless steel	29	FTM 9
Peel 180°- (N/25mm) on stainless steel		
- after 20 minutes	25,5	FTM 1
- after 24 hours	25,9	FTM 1
Shear on stainless steel 1kg-25 mm x 25mm (hours)	175	FTM 8

**CARRIER
DATA**

CARRIER FREE		
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**TEMPERATURE
RESISTANCE**

Minimum application temperature	+ 10°C	
End-use temperature range	- 40°C to + 90°C	
Short term resistance	110°C	S.A.F.T. 500grs

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

**RELEASE
LINER**

Silicone paper brown of 90 gr/sqm	ISO 536	
Thickness (Adhesive)	45 µ	ISO 534

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

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.