

# MACfilm F 1021

## GENERAL INTRODUCTION

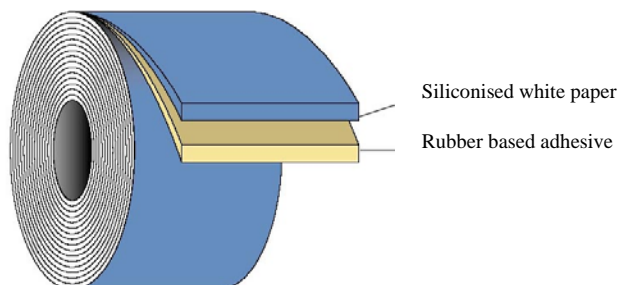
### MACfilm

- 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 1021** is a free film of rubber based adhesive. It offers high tack, peel and shear properties.

**MACfilm F 1021** is produced in self-wound format on a kraft release liner.



## TYPICAL APPLICATION

For applications where high shear and high adhesion are required: e.g. heavy POS displays, rigid PE foam coating...

## CHARACTERISTICS

### Adhesion with Substrates

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

## RESISTANCE

Resistant to water, detergents and alcohol. Low resistance to plasticizers and low 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 to 25°C and +/- 50 % relative humidity.

**ADHESIVE DATA**

	TYPICAL VALUES (*)	TEST METHOD
Quick Tack (N/25mm) on stainless steel	22	FTM 9
Peel 180°- (N/25mm) on stainless steel		
- after 20 minutes	18	FTM 1
- after 24 hours	20	FTM 1
Shear on stainless steel 1kg-25 mm x 25mm (hours)	1000	FTM 8

**CARRIER DATA**

CARRIER FREE		
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**TEMPERATURE RESISTANCE**

Minimum application temperature	+ 13°C	
End-use temperature range	- 40°C to + 70°C	
Short term resistance	+ 90°C	S.A.F.T. 500grs

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

**RELEASE LINER**

Silicone paper white of 90 gr/sqm	ISO 536
Thickness (Adhesive) 30 μ	ISO 534

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

**IMPORTANT NOTICE**

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