

# MACfilm F 1018

## GENERAL INTRODUCTION

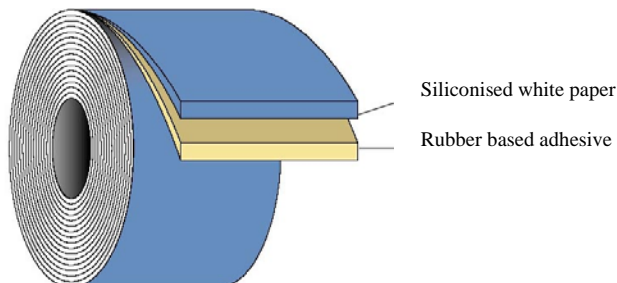
### MACfilm

- 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 1018** is a free film of rubber based adhesive. It offers high tack and peel properties.

**MACfilm F 1018** is produced in self-wound format on a kraft release liner.



## TYPICAL APPLICATION

For applications where high tack and high adhesion are required: e.g. apolar plastics, rough surfaces,...

## CHARACTERISTICS

### Adhesion with Substrates

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

## APPROVAL

The adhesive used has been approved for direct contact with dry or humid food. (Not suitable for direct contact with fat ). Approval certificate ISEGA 27869 U 09.

**ADHESIVE DATA**

	TYPICAL VALUES (*)	TEST METHOD
Quick Tack (N/25mm) on stainless steel	25	FTM 9
Peel 180°- (N/25mm) on stainless steel - after 20 minutes	28	FTM 1
Shear on stainless steel 1kg-25 mm x 25mm (hours)	35	FTM 8

**CARRIER DATA**

CARRIER FREE		
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**TEMPERATURE RESISTANCE**

Minimum application temperature	+ 5°C
End-use temperature range(**)	- 40°C to + 65°C

(\*\*) when working under extreme T° of this range , please contact Mactac for further information.

**RELEASE LINER**

Silicone paper white of 60 gr/sqm	ISO 536
Thickness (Adhesive) 80 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.

