

MACfoil AF 118

GENERAL INTRODUCTION

PRODUCT DESCRIPTION

TYPICAL APPLICATION

CHARACTERISTICS

RESISTANCE

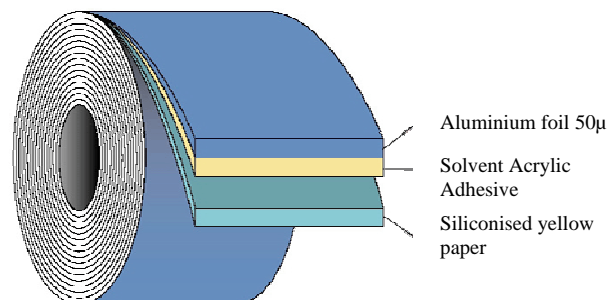
SHELF LIFE

MACfoil

- is a range of self-adhesive tapes which are used as sealing material in the insulation field as well as for other industrial applications. The face materials used are aluminium or synthetic foils. The adhesives are acrylic polymer or synthetic rubber based formulations.

MACfoil AF 118

- Consists of a dead soft aluminium foil coated with an acrylic adhesive.
- It offers good tack and peel properties with high shear resistance
- Protected by a paper liner



Insulation : to make water/air tight - in ventilation, air conditioning systems, heat and light reflectors, joining and sealing applications, electromagnetic shielding of appliances...

Applications where high tack is required and very good temperature resistance and adhesion properties on difficult substrates

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

Resistant to water, detergents, alcohol and aliphatic hydrocarbons.
Not recommended for use in contact with ketones, esters, chlorinated and aromatic hydrocarbons.
For further technical advice, please consult with MACTac.

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	17	FTM 9
Peel 180° - (N/25mm) on stainless steel		
- after 20 minutes	19	FTM 1
- after 24 hours	21	FTM 1
Shear (hours) 1kg-25 mm x 25mm	500	FTM 8

FACE DATA

	TYPICAL VALUES (*)	TEST METHOD
Thickness (μ)	50	ISO 534
Tensile (N/15mm)	> 40	DIN 53455
Vapor transmission (perm)	< 0,1	DIN 53122

TEMPERATURE RESISTANCE

Minimum application temperature	+ 5°C
End-use temperature range	- 40°C to + 150°C

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

RELEASE LINER

Silicone paper yellow of 90 gr/sqm	ISO 536
100 μ	ISO 534

THICKNESS (Carrier+Adhesive)

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

IMPORTANT NOTICE

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