

# MACfoil AF 347

**GENERAL INTRODUCTION**

**PRODUCT DESCRIPTION**

**TYPICAL APPLICATION**

**CHARACTERISTICS**

**RESISTANCE**

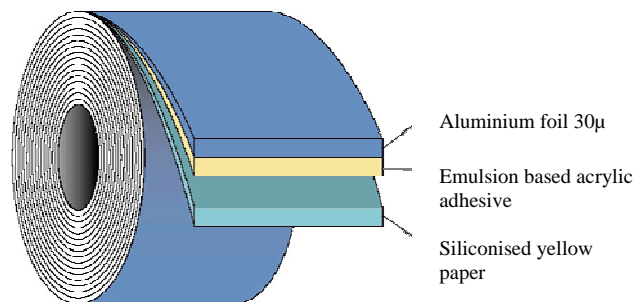
**SHELF LIFE**

**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 347**

- Consists of a dead soft aluminium foil coated with an acrylic adhesive.
- It offers very good tack and adhesion properties at normal temperature.
- 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...

White Goods Industry: Insulation bonding.

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

Resistant to water, detergents and alcohol. Medium resistance to plasticizers. Low outdoor resistance. Not recommended for use in contact with aliphatic or 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	15	FTM 9
Peel 180° - (N/25mm) on stainless steel		
- after 20 minutes	15	FTM 1
- after 24 hours	20	FTM 1
Shear (hours) 1kg-25 mm x 25mm	> 200	FTM 8

**FACE DATA**

	TYPICAL VALUES (*)	TEST METHOD
Thickness (µ)	30	ISO 534
Tensile (N/15mm)	> 25	DIN 53455
Vapor transmission (perm)	< 0,1	DIN 53122

**TEMPERATURE RESISTANCE**

Minimum application temperature	- 8°C	
End-use temperature range	- 30°C to + 90°C	
Short term resistance	+ 180°C	S.A.F.T. 500grs

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

**RELEASE LINER**

Silicone paper Yellow of 65 gr/sqm		ISO 536
THICKNESS (Carrier+Adhesive)	65 µ	ISO 534

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

**IMPORTANT NOTICE**

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