

*Provisional data sheets are subject to revision. The latest version is available on our website www.mactac.eu or on demand

MACfoil AF 525 SW

GENERAL INTRODUCTION

PRODUCT DESCRIPTION

TYPICAL APPLICATION

CHARACTERISTICS

RESISTANCE

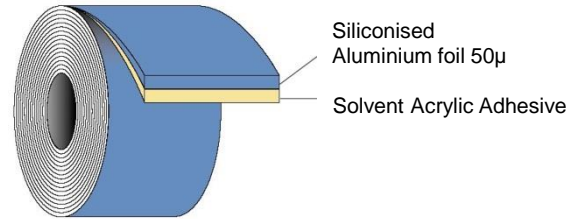
SHELF LIFE

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 525 SW consists of a dead soft aluminium foil coated with an acrylic adhesive.

MACfoil AF 525 SW offers good tack and peel properties with good shear resistance.



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			
Metal / Aluminium	Medium	Acrylic / PET	Medium
Glass / Ceramics	Medium	Polystyrene	Medium
Painted Surface	Medium	PP / PE / PS	Medium
Wood / Board / Paper	Medium	Textile / Cotton	Medium
Soft PVC	Low	Rubber / EPDM	Medium
Rigid PVC	Medium	Smooth Substrate	Medium
PC / ABS	Medium	Rough Substrate	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 brushed stainless steel (ref. Nokoro 304 poli. N°4)	15	FTM 9
Peel 180° - (N/25mm) On brushed stainless steel (ref. Nokoro 304 poli. N°4)	18	FTM 1
- after 20 minutes	20	FTM 1
- after 24 hours		
Shear (hours) 1kg – 25mmx25mm	> 100	FTM 8

FACE DATA

	Typical Values (*)	Test Method
Thickness (μ)	50	ISO 534
Tensile (N/15mm)	> 75	DIN 53455
Vapor transmission (perm)	< 0,1	DIN 53122

TEMPERATURE RESISTANCE

Minimum Application Temperature	+ 8°C	
End-use temperature range	- 30°C to + 120°C	
Short term resistance	+ 150°C	S.A.F.T. 500grs

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

RELEASE LINER

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THICKNESS (Carrier + adhesive)	90 μ	ISO 534

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

IMPORTANT NOTICE

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