



## Technical data sheet

Total thickness (carrier + adhesive): **0.08mm**



# MS ALU 37 A

Main carrier:	ALUMINIUM
Secondary carrier:	-
Main liner:	WHITE SILICONE GLASSINE PAPER
Secondary liner:	-
Open side adhesive:	-
Closed side adhesive:	MODIFIED ACRYLIC





### Adhesive properties

<b>Peel 180° on steel</b>		Open side	-	M.U.	Method
		Closed side	16	N/25 mm	BS 34 - AFERA 5001
<b>Rolling ball test</b>		Open side	-	M.U.	Method
		Closed side	2	Cm	BS 12 - PSTC-6
<b>Quick stick on steel</b>		Open side	-	M.U.	Method
		Closed side	17	N/25 mm	BS 6 - AFERA 4015
<b>Shear on steel</b>		Open side	-	M.U.	Method
		Closed side	100	Hours	BS 68 - AFERA 5012

### Temperature resistance

<b>Long term</b>		80	M.U.: °C
<b>Short term</b>		100	M.U.: °C

### Mechanical properties

<b>Tensile strength at break Longitudinal</b>		Min.	Max.	M.U.	Method
		65	75	N/ mm2	EN 546/2
<b>Tensile strength at break Transversal</b>		Min.	Max.	M.U.	Method
		-	-	N/ mm2	EN 546/2
<b>Elongation at break Longitudinal</b>		Min.	Max.	M.U.: %	Method
		6.5	9		EN 546/2
<b>Elongation at break Transversal</b>		Min.	Max.	M.U.: %	Method
		-	-		EN 546/2

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### Description

The product is made up of aluminium carrier and a white siliconized paper liner.

The acrylic adhesive (wet-style) provides medium-high adhesion performances.

### Applications

Ideal for insulating roofs and walls and in the Heating, Ventilation and Conditioning sector.

Thermal insulation and sealing in the Heating, Ventilation and Conditioning sector.

Fixing of insulation material in insulation of roofs and walls process.

Wiring of cables and ducts.

Masking in automotive and building industry.

### Product PLUS

Very high tack and high cohesion.

Its insulating properties ensure temperature variations, UV-light and atmospheric agents resistance.

## Recommendations for correct use

#### Storage

For a proper storage of the product we recommend to keep the product in the original package until it is needed and use it within 12 months from delivery.

The storage shall be carried out at a room temperature between 15°C and 25°C, and a relative humidity < 65%.

Once removed from the packaging, place the product vertically and protect it from dust. Do not expose product and packaging to direct sunlight and heat sources.

#### Surface cleaning

The product shall be applied on sufficiently flat surfaces and with no non-stick coating.

In order to obtain a correct product adhesion level on surfaces, it is indispensable that the surfaces are properly cleaned before the application. It is recommended to use quick-evaporating solvents.

After cleaning make sure that the solvent has completely evaporated, by waiting for a sufficiently long period of time or by drying the surface with a completely dry cloth.

#### Application

As adhesive tape is pressure-sensitive, it is necessary a proper pressing pressure on the back of the tape, once applied on the surface, to ensure the grip of the adhesive and a full lamination.

#### Measuring tolerances

The tape cutting width tolerance can vary within a range of  $\pm 2.0$  mm. Different tolerances for specific formats and measures can be available on request.

#### Disposal

It is recommend to dispose the product after use according to the specific regulations of the country it was used in.

For additional information, please refer to our Technical Office:  
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