





Technical data sheet

Total thickness (carrier + adhesive): **0.85mm**

MS 121 WHITE GREEN

Main carrier:	WHITE PE FOAM
Secondary carrier:	-
Main liner:	GREEN SILICONIZED PE FILM
Secondary liner:	-
Open side adhesive:	-
Closed side adhesive:	PURE ACRYLIC





Adhesive properties

Peel 90° on steel		Open side	-	M.U.	Method
		Closed side	10	N/25 mm	BS 38 - AFERA 5001
Rolling ball test		Open side	-	M.U.	Method
		Closed side	15	Cm	BS 12 - PSTC-6
Quick stick on steel		Open side	-	M.U.	Method
		Closed side	20	N/25 mm	BS 6 - AFERA 4015
Shear on steel		Open side	-	M.U.	Method
		Closed side	100	Hours	BS 10 - AFERA 5012

Temperature resistance

Long term		- 40 / + 120	M.U.: °C
Short term		- 40 / + 100	M.U.: °C

Mechanical properties

Tensile strength at break Longitudinal		Min.	Max.	M.U.	Method
		1000	1600	kPa	ISO 1426
Tensile strength at break Transversal		Min.	Max.	M.U.	Method
		680	1000	kPa	ISO 1426
Elongation at break Longitudinal		Min.	Max.	M.U.: %	Method
		150	290		ISO 1426
Elongation at break Transversal		Min.	Max.	M.U.: %	Method
		140	260		ISO 1426

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Description

The product is made up of a white polyethylene foam carrier and green siliconized polyethylene film liner.

The acrylic adhesive system (dry-style) provides medium-high adhesion performances and very high cohesion performances that gives to the product high firm hold and stability over time.

Applications

Joining and sealing pipes and ducts, various aerial components, and insulating element edges in the Heating, Ventilation and Conditioning sector.

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

Product PLUS

The medium-high density foam carrier allows excellent adhesion holding over time.

Very high cohesion.

High resistance to temperature and plasticizers.

Moisture resistance thanks to the film liner that allows long-term storage.

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 ± 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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