




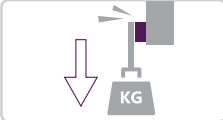
## Technical data sheet

Total thickness (carrier + adhesive): **4.1 mm**



# MS FOAM 4100 PET

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





### Adhesive properties

<b>Peel 180° on steel</b>		Open side	-	M.U.	Method
		Closed side	-	N/25 mm	-
<b>Rolling ball test</b>		Open side	-	M.U.	Method
		Closed side	-	Cm	-
<b>Quick stick on steel</b>		Open side	-	M.U.	Method
		Closed side	-	N/25 mm	-
<b>Shear on steel</b>		Open side	-	M.U.	Method
		Closed side	-	Hours	-

### Temperature resistance

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

### Mechanical properties

<b>Tensile strength at break Longitudinal</b>		Min.	Max.	M.U.	Method
		1600	1600	KPa	ISO-1926
<b>Tensile strength at break Transversal</b>		Min.	Max.	M.U.	Method
		1325	1325	KPa	ISO-1926
<b>Elongation at break Longitudinal</b>		Min.	Max.	M.U.: %	Method
		451	451		ISO-1926
<b>Elongation at break Transversal</b>		Min.	Max.	M.U.: %	Method
		476	476		ISO-1926

Note: All above information are believed to be true and reliable but they are given only for guidance. They do not constitute a warranty or a specification. The characteristics refer to average values, relevant to samples collected from our production. Users must confirm the suitability of the products through their own tests. BiesSse Tape reserve the right to introduce at any moment and without warning those changes that they deem necessary. Tolerance of Technical Data: ± 30%

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### Description

The product is made up of a high quality closed-cells physically cross-linked blue expanded polyethylene foam carrier, laminated with a white polyester film (Mylar).

Foam width: 1040 mm  
Mylar width: 1110 mm (35 mm+35 mm)

### Applications

Ideal for high quality corrugated postprint.

Recommended to reduce dot gain and washboard effects.

Suitable for different plate thickness.

### Product PLUS

Excellent slipping on the printing cylinder.

Optimal resilience and high compression stability even at high print speeds to avoid cardboard crushing.

## 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 recommended 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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