

Technical data sheet

Total thickness (carrier + adhesive): **0.41 mm**

BS MOUNT 15.300 WA

Main carrier:	LILAC PE FOAM
Secondary carrier:	TRANSPARENT REINFORCEMENT FILM
Main liner:	TRANSPARENT LOW FRICTION SILICONE EMBOSSED PP FILM
Secondary liner:	-
Open side adhesive:	PURE ACRYLIC
Closed side adhesive:	PURE ACRYLIC

Adhesive properties

Test	Diagram	Open side	Closed side	M.U.	Method
Peel 90° on steel		5.0	8.0	M.U.	Method
				N/25 mm	BS 35 - AFERA 5001
Rolling ball test		1.0	2.0	M.U.	Method
				Cm	BS 12 - PSTC-6
Quick stick on steel		8.0	12.0	M.U.	Method
				N/25 mm	BS 6 - AFERA 4015
Shear on steel		100	100	M.U.	Method
				Hours	BS 245

Temperature resistance

Long term		+ 5°C / + 60°C	M.U.: °C
Short term		+ 5°C / + 80°C	M.U.: °C

Mechanical properties

Property	Diagram	Min.	Max.	M.U.	Method
Tensile strength at break Longitudinal		1800	3100	Kg/cm2	ASTM D 882
Tensile strength at break Transversal		1800	2800	Kg/cm2	ASTM D 882
Elongation at break Longitudinal		100	200	M.U.: %	Method ASTM D 882
Elongation at break Transversal		100	200	M.U.: %	Method ASTM D 882

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 laminated multi-layer, calibrated thickness, closed cell polyethylene, physically reticulated, foam carrier and a transparent low-friction (LF) orange peel embossed polypropylene silicone film liner. On one side, the PE foam carrier is reinforced with a transparent film.

The new wet acrylic adhesive system on both sides provides very-high adhesion performances.

Very low compressibility, identified through the lilac coloured foam.

Applications

Ideal for Narrow Web printing of labels.

Suitable for combination of full solids print, more intense colours.

Recommended for medium and high thickness photopolymer plates.

High adhesion level, ideal for maximum hold on either plates or cylinders, especially in edge to edge plate mounting operations.

Optimal printing results at very high speed and long printing runs.

Product PLUS

The surface structure of the liner is especially designed to impress undulations in the adhesive for the potential exit of air bubbles trapped between the double-side adhesive tape and the cylinder or the plate during mounting operations.

Liner low-friction for a better handling.

High resilience foam.

Temperature, humidity and solvents 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 27°C, and a relative humidity < 60%.

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 ± 0.7 mm. Tighter 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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