BIESSE
Your challenges, our mission

Company with Quality System in accordance with ISO 9001: 2015 **Certified by Bureau Veritas**

Technical data sheet

Total thickness: **0.10 mm**

BS FIRM 100 EP

Main carrier:	TRANSPARENT RIGID PVC FILM
Secondary carrier:	-
Main liner:	TRANSPARENT LIGHT BLUE SILICONE CREPED PP FILM
Secondary liner:	-
Open side adhesive:	NATURAL RUBBER
Closed side adhesive:	NATURAL RUBBER

Adhesive properties

				M.U.	Method
Peel 180° on steel	Open side	8.5		N/25 mm	BS 34 - AFERA 5001
	Closed side	9.5			
Rolling ball test	Open side	1.5		Cm	BS 12 - PSTC-6
	Closed side	1.5			
Quick stick on steel	Open side	7		N/25 mm	BS 6 - AFERA 4015
	Closed side	8			
Shear on steel	Open side	100		Hours	BS 254
	Closed side	100			

Temperature resistance

Long term	70	M.U.: °C
Short term	70	M.U.: °C

Mechanical properties

	Min.	Max.	M.U.	Method
Tensile strength at break Longitudinal	130	190	N/mm2	ASTM D 882
Tensile strength at break Transversal	40	80	N/mm2	ASTM D 882
Elongation at break Longitudinal	52	97	M.U.: %	ASTM D 882
Elongation at break Transversal	150	-	M.U.: %	ASTM D 882

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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 calibrated thickness transparent rigid PVC film carrier and a transparent light blue creped polypropylene silicone film liner.

The natural rubber adhesive system (wet-style), on both sides, provides medium adhesion performances.

Ideal for good quality printing at an affordable price.

Applications

Ideal for corrugated cardboard printing in post-print and Narrow Web printing of labels, when cushioning is not required.

Recommended for medium thickness photopolymer plates.

Ideal for mounting on steel cylinders.

Product PLUS

Extremely easy-peeling silicone liner.

The embossed surface of the liner is especially designed to impress undulations in the adhesive in order to facilitate the partial exit of air bubbles trapped between the double-sided adhesive tape and the cylinder or the photopolymer plate, during mounting operations.

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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