

Technical data sheet

Total thickness (carrier + adhesive): **0.22mm**

BS SEAL 200

Main carrier: TRANSPARENT PET FILM

Secondary carrier: -

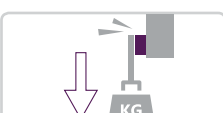
Main liner: TRANSPARENT SILICONE PATTERN EMBOSSED PP FILM

Secondary liner: -

Open side adhesive: PURE ACRILYC

Closed side adhesive: PURE ACRILYC

Adhesive properties

Peel 180° on steel		Open side	5.0	M.U.	Method
		Closed side	7.0	N/25 mm	BS 34 - AFERA 5001
Rolling ball test		Open side	30	M.U.	Method
		Closed side	30	Cm	BS 12 - PSTC-6
Quick stick on steel		Open side	6.0	M.U.	Method
		Closed side	10	N/25 mm	BS 6 - AFERA 4015
Shear on steel		Open side	100	M.U.	Method
		Closed side	100	Hours	BS 254

Temperature resistance

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

Mechanical properties

Tensile strength at break Longitudinal		Min.	Max.	M.U.	Method
		19	-	Kg/mm2	ASTM D 822
Tensile strength at break Transversal		Min.	Max.	M.U.	Method
		19	-	Kg/mm2	ASTM D 822
Elongation at break Longitudinal		Min.	Max.	M.U.: %	Method
		60	150		ASTM D 822
Elongation at break Transversal		Min.	Max.	M.U.: %	Method
		60	150		ASTM D 822

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 PET film carrier and a transparent polypropylene pattern embossed silicone film liner.

The acrylic adhesive system (dry-style), on both sides, provides good adhesion performances.

Ideal for good quality printing needs.

Applications

Ideal for post-print flexographic printing on corrugated cardboard with plates of various thicknesses.

Product PLUS

The surface structure of the liner is designed to impress a specific irregular pattern in the adhesive that allows easier release of air bubbles, very common in the pre-mounting sector for post-print printing of corrugated cardboard.

The acrylic adhesive on both sides provides excellent solvent resistance, allowing this tape also to be used directly on the polymer, before the manufacturing process and transformation into matrices.

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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