




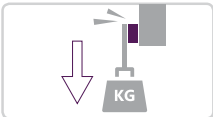
Technical data sheet

Total thickness (carrier + adhesive): **0.38mm**



BS FLEX 380 FLAT

Main carrier:	WHITE PET CLOTH
Secondary carrier:	-
Main liner:	HAVANA SILICONIZED GLASSINE PAPER
Secondary liner:	-
Open side adhesive:	NATURAL RUBBER
Closed side adhesive:	NATURAL RUBBER





Adhesive properties

Peel 180° on steel		Open side	19	M.U.	Method
		Closed side	17	N/25 mm	BS 34 - AFERA 5001
Rolling ball test		Open side	1.0	M.U.	Method
		Closed side	1.0	Cm	BS 12 - PSTC-6
Quick stick on steel		Open side	20	M.U.	Method
		Closed side	22	N/25 mm	BS 6 - AFERA 4015
Shear on steel		Open side	4	M.U.	Method
		Closed side	5	Hours	BS 68 - AFERA 5012

Temperature resistance

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

Mechanical properties

Tensile strength at break Longitudinal		Min.	Max.	M.U.	Method
		380	380	N	ISO 13934-1/00
Tensile strength at break Transversal		Min.	Max.	M.U.	Method
		1640	1640	N	ISO 13934-1/00
Elongation at break Longitudinal		Min.	Max.	M.U.: %	Method
		25.3	25.3		ISO 13934-1/00
Elongation at break Transversal		Min.	Max.	M.U.: %	Method
		25.5	25.5		ISO 13934-1/00

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%

Technical data sheet

0.38mm

BS FLEX 380 FLAT

Description

The product is made up of a calibrated thickness polyester cloth carrier and a havana siliconized glassine paper liner.

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

Applications

Ideal for cardboard printing in post-print and relevant pre-mounting operations of rubber clichè/photopolymer plates applied on PET/PP film sheets or directly on steel cylinders.

Recommended for medium and high thickness photopolymer plates.

Product PLUS

The adhesion level on both sides is the highest in all the range of soft tapes.

High dimensional stability carrier.

Optimum planarity of the adhesive surface achieved through a sophisticated production process.

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. We recommend to protect always the product with tubular plastic or stretch film in order to avoid that the paper absorbs moisture and generate wrinkles.

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 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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