




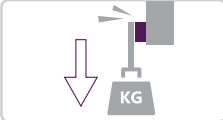
## Technical data sheet

Total thickness (carrier + adhesive): **0.40mm**



# BS FLEX 400 LC

Main carrier:	WHITE PET CLOTH
Secondary carrier:	-
Main liner:	BROWN DOUBLE SIDED SILICONE PE COATED CREPED PAPER
Secondary liner:	-
Open side adhesive:	NATURAL RUBBER
Closed side adhesive:	NATURAL RUBBER





### Adhesive properties

<b>Peel 180° on steel</b>		Open side	17	M.U.	Method
		Closed side	16	N/25 mm	BS 34 - AFERA 5001
<b>Rolling ball test</b>		Open side	2.0	M.U.	Method
		Closed side	1.0	Cm	BS 12 - PSTC-6
<b>Quick stick on steel</b>		Open side	17	M.U.	Method
		Closed side	21	N/25 mm	BS 6 - AFERA 4015
<b>Shear on steel</b>		Open side	5	M.U.	Method
		Closed side	3	Hours	BS 68 - AFERA 5012

### Temperature resistance

<b>Long term</b>		70	M.U.: °C
<b>Short term</b>		70	M.U.: °C

### Mechanical properties

<b>Tensile strength at break Longitudinal</b>		Min.	Max.	M.U.	Method
		380	380	N	ISO 13934-1/00
<b>Tensile strength at break Transversal</b>		Min.	Max.	M.U.	Method
		1,640	1,640	N	ISO 13934-1/00
<b>Elongation at break Longitudinal</b>		Min.	Max.	M.U.: %	Method
		25.3	25.3		ISO 13934-1/00
<b>Elongation at break Transversal</b>		Min.	Max.	M.U.: %	Method
		25.5	25.5		ISO 13934-1/00

## Technical data sheet

Total thickness (carrier + adhesive): **0.401mm**

# BS FLEX 400 LC

### Description

The product is made up of a calibrated thickness polyester cloth carrier and a brown double sided silicone PE coated creped paper liner.

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

### Applications

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

Recommended for medium and high thickness photopolymer plates.

### Product PLUS

The creped surface structure of the liner is especially designed to impress undulations in the adhesive to allow partial exit of air bubbles trapped between the adhesive tape and the cylinder or the photopolymer plate during mounting operations.

The liner ensures stability to thermal and humidity variations.

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.

### 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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