





## Technical data sheet

Total thickness: **0.1mm**

# BS POL 12 AS

Main carrier:	TRANSPARENT PET FILM
Secondary carrier:	-
Main liner:	WHITE SILICONE GLASSINE PAPER
Secondary liner:	-
Open side adhesive:	MODIFIED ACRYLIC
Closed side adhesive:	MODIFIED ACRYLIC





### Adhesive properties

<b>Peel 180° on steel</b>		Open side	<b>12</b>	M.U.	Method
		Closed side	<b>12</b>	N/25 mm	BS 34 - AFERA 5001
<b>Rolling ball test</b>		Open side	<b>6</b>	M.U.	Method
		Closed side	<b>6</b>	Cm	BS 12 - PSTC-6
<b>Quick stick on steel</b>		Open side	<b>12</b>	M.U.	Method
		Closed side	<b>12</b>	N/25 mm	BS 6 - AFERA 4015
<b>Shear on steel</b>		Open side	<b>90</b>	M.U.	Method
		Closed side	<b>90</b>	Hours	BS 68 - AFERA 5012

### Temperature resistance

<b>Long term</b>		<b>130</b>	M.U.: °C
<b>Short term</b>		<b>180</b>	M.U.: °C

### Mechanical properties

<b>Tensile strength at break Longitudinal</b>		Min.	Max.	M.U.	Method
		<b>80</b>	<b>100</b>	N/mm2	ASTM D 882
<b>Tensile strength at break Transversal</b>		Min.	Max.	M.U.	Method
		<b>80</b>	<b>100</b>	N/mm2	ASTM D 882
<b>Elongation at break Longitudinal</b>		Min.	Max.	M.U.: %	Method
		<b>25</b>	<b>45</b>		ASTM D 882
<b>Elongation at break Transversal</b>		Min.	Max.	M.U.: %	Method
		<b>25</b>	<b>45</b>		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 transparent polyester film carrier and a white silicone glassine paper liner.

The acrylic adhesive system on both sides provides strong bonding properties, high initial tack and high cohesion.

### Applications

Ideal for web-splicing of different materials, such as plastic films, paper, cardboard, thin metallic films, etc.

Recommended for fixing car components, such as number plates, safety devices, side pillars, headlights, mouldings, spoilers, thermoformed parts, overheads, scuff plates, emblems and letterings.

Suitable also for assembly of various sail components, also where seams are not present.

### Product PLUS

The special PET carrier is easy to tear by hand, like paper or non woven.

Resistant to UV rays and non-yellowing.

Able to withstand high shear and thermal stresses, also under the most extreme conditions (e.g. international sailing competitions).

## 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  $\pm 0.7$  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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