





## Technical data sheet

Total thickness: **0.09mm**

# BS TOP TAPE HQ

Main carrier:	NON-WOVEN
Secondary carrier:	-
Main liner:	WHITE SILICONE GLASSINE PAPER
Secondary liner:	-
Open side adhesive:	PURE ACRYLIC
Closed side adhesive:	PURE ACRYLIC





### Adhesive properties

<b>Peel 180° on steel</b>		Open side	16	M.U.	Method
		Closed side	16	N/25 mm	BS 34 - AFERA 5001
<b>Rolling ball test</b>		Open side	5	M.U.	Method
		Closed side	5	Cm	BS 12 - PSTC-6
<b>Quick stick on steel</b>		Open side	17	M.U.	Method
		Closed side	17	N/25 mm	BS 6 - AFERA 4015
<b>Shear on steel</b>		Open side	15	M.U.	Method
		Closed side	15	Hours	BS 68 - AFERA 5012

### Temperature resistance

<b>Long term</b>		120	M.U.: °C
<b>Short term</b>		160	M.U.: °C

### Mechanical properties

<b>Tensile strength at break Longitudinal</b>		Min.	Max.	M.U.	Method
		10.8	-	N/15 mm	ISO 1924-2
<b>Tensile strength at break Transversal</b>		Min.	Max.	M.U.	Method
		2.4	-	N/15 mm	ISO 1924-2
<b>Elongation at break Longitudinal</b>		Min.	Max.	M.U.: %	Method
		-	2.5		ISO 1924-2
<b>Elongation at break Transversal</b>		Min.	Max.	M.U.: %	Method
		-	-		ISO 1924-2

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

Total thickness: **0.09mm**

# BS TOP TAPE HQ

### Description

The product is made up of a non-woven carrier and a white silicone glassine paper liner.

The pure acrylic adhesives system provides high adhesion performance on both sides, with excellent balance between high initial tack and cohesion.

### Applications

Perfect for splicing a wide variety of wound materials, such as plastic and metal films, paper, cardboard, etc.

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

### Product PLUS

Very strong bonding properties.

Resistant to UV rays and non-yellowing

Able to withstand 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:  
**info.tapes@biesSseworld.com**  
**+39 02 90 11 11 18**