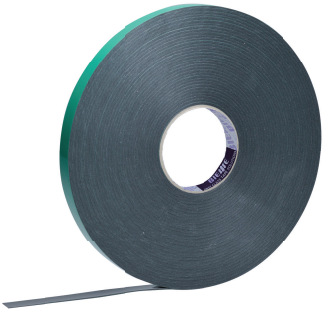


## Product information

# BS 121 BLACK

Total thickness (carrier + adhesive): **0.90 mm**

Density: **100 Kg/m<sup>3</sup>**

	Main carrier:	BLACK PE FOAM
	Secondary carrier:	-
	Main liner:	GREEN SILICONIZED PE FILM
	Secondary liner:	-
	Open side adhesive:	PURE ACRYLIC
	Closed side adhesive:	PURE ACRYLIC

### Description

The product is made up of a black polyethylene foam carrier and green siliconized polyethylene film liner.

The acrylic adhesive system (dry-style) provides medium-high adhesion performances and very high cohesion performances on both sides.

### Applications

Ideal for fixing application.

Recommended for fixing gaskets and sealing profiles around doors and windows and for mounting of mirrors on different surfaces.

Suitable for structural bonding of car components such as license plates, parking sensors, rocker panels, moldings, fender flares, spoilers, shark fin antennas, thermoformed parts, frames and emblems and cover panels fitting of campers and car in the automotive industry.

### Product PLUS

The high density foam carrier allows excellent adhesion holding over time.

The black colour makes this tape especially suited for applications where carrier can be easily camouflaged.

It is resistant to UV-light, ageing, atmospheric agents and particular types of plasticizers.

Moisture resistance thanks to the film liner that allows long-term storage.






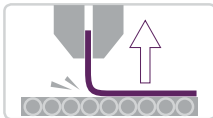

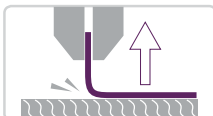
Product information

# BS 121 BLACK

## Technical tests

The tests are conducted in accordance with the AFERA standards. Nonetheless, BiesSse has developed own additional methods: The “Quick stick” and “Peel adhesion on steel” tests differ for specific characteristics aimed at improving the test reproducibility. The BiesSse Technical Office is available to provide any technical specification and clarification about the BS method.

### Adhesion

<b>Peel 90° on steel</b>		Open side	<b>10</b>	M.U.	Method
		Closed side	<b>11</b>	N/25 mm	BS 38 Rif. AFERA 5001
<b>Peel 90° on aluminium</b>		Open side	<b>9</b>	M.U.	Method
		Closed side	<b>9</b>	N/25 mm	BS 41
<b>Peel 90° on glass</b>		Open side	<b>13</b>	M.U.	Method
		Closed side	<b>13</b>	N/25 mm	BS 125
<b>Peel 90° on polyethylene</b>		Open side	<b>4</b>	M.U.	Method
		Closed side	<b>4</b>	N/25 mm	BS 126
<b>Peel 90° on ABS</b>		Open side	<b>14</b>	M.U.	Method
		Closed side	<b>14</b>	N/25 mm	BS 127
<b>Peel 90° on polypropylene</b>		Open side	<b>3</b>	M.U.	Method
		Closed side	<b>3</b>	N/25 mm	BS 128

### Tack

<b>Rolling ball test</b>		Open side	<b>15</b>	M.U.	Method
		Closed side	<b>15</b>	Cm	BS 12 Rif. PSTC-6
<b>Quick stick on steel</b>		Open side	<b>18</b>	M.U.	Method
		Closed side	<b>20</b>	N/25 mm	BS 6 Rif. AFERA 4015

### Cohesion

<b>Shear on steel</b>		Open side	<b>100</b>	M.U.	Method
		Closed side	<b>100</b>	Hours	BS 10 Rif. AFERA 5012

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Product information

# BS 121 BLACK

## Temperature resistance

<b>SAFT</b>		160	M.U. °C	Method Afera 5013
<b>Short term</b>		-40 / +120	M.U. °C	
<b>Long term</b>		-40 / +100	M.U. °C	

**Application temperature: from + 15° C to 25° C**

## Environmental factors resistance

	<b>Aromatic solvent</b>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Toluol, Nitro
	<b>Aliphatic solvent</b>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Ethyl acetate, Acetone, Propan-2-ol-hexane mixture
	<b>Humidity</b>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
	<b>UV</b>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	

**Water absorbtion: < 5% (internal study)**

## Mechanical properties

<b>Tensile strength at break Longitudinal</b>		Min. <b>900</b>	Max. <b>1500</b>	M.U. kPa	Method ISO 1926
<b>Tensile strength at break Transversal</b>		Min. <b>600</b>	Max. <b>1000</b>	M.U. kPa	Method ISO 1926
<b>Elongation at break Longitudinal</b>		Min. <b>150</b>	Max. <b>290</b>	M.U. %	Method ISO 1926
<b>Elongation at break Transversal</b>		Min. <b>150</b>	Max. <b>290</b>	M.U. %	Method ISO 1926
<b>Dinamic shear</b>		<b>0.8</b>		M.U. N/mm <sup>2</sup>	Method EN1465: 1995

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## Product information

# BS 121 BLACK

### Formats and sizes

Format	Jumbo	LOG	Roll	Spool	Die Cut
<b>Available</b>	available	available	available	upon request	upon request
<b>Standard width</b>	1500 mm	1500 mm	19/25/38/50 mm	upon request	upon request
<b>Fingerlift</b>	n/a	n/a	upon request	upon request	upon request
<b>Standard length</b>	100 m	5/10/25/50 m	5/10/25/50 m	upon request	upon request

## 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  $\pm 0.7$  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**