




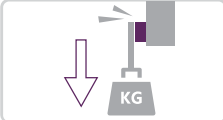
Technical data sheet

Total thickness (carrier + adhesive): **0.9mm**



BS 121 W3

Main carrier:	BLACK PE FOAM
Secondary carrier:	-
Main liner:	BLUE SILICONE PP FILM
Secondary liner:	-
Open side adhesive:	MODIFIED ACRYLIC
Closed side adhesive:	MODIFIED ACRYLIC





Adhesive properties

Peel 90° on steel		Open side	12	M.U.	Method
		Closed side	16	N/25 mm	BS 244
Rolling ball test		Open side	5	M.U.	Method
		Closed side	5	Cm	BS 12 - PSTC-6
Quick stick on steel		Open side	20	M.U.	Method
		Closed side	23	N/25 mm	BS 6 - AFERA 4015
Shear on steel		Open side	100	M.U.	Method
		Closed side	100	Hours	BS 10 - AFERA 5012

Temperature resistance

Long term		- 40 / + 90	M.U.: °C
Short term		- 40 / + 110	M.U.: °C

Mechanical properties

Tensile strength at break Longitudinal		Min.	Max.	M.U.	Method
		800	1400	kPa	ISO-1426
Tensile strength at break Transversal		Min.	Max.	M.U.	Method
		660	1000	kPa	ISO-1426
Elongation at break Longitudinal		Min.	Max.	M.U.: %	Method
		220	420		ISO-1426
Elongation at break Transversal		Min.	Max.	M.U.: %	Method
		240	460		ISO-1426

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 (carrier + adhesive): **0.9mm**

BS 121 W3

Description

The product is made up of a black closed-cell, physically cross-linked polyethylene foam carrier and a blue silicone polypropylene film liner.

The liner is specifically designed to facilitate the peel-off.

The adhesive on both sides is an acrylic with a medium-high adhesion level, high tack, high cohesion and high temperature resistance.

Density: 67 kg/m³

Applications

Designed and developed to meet the automotive high performance fixing needs.

Ideal for fixing metal plates of a specific weight on the internal side of wheel rims.

During the life of the vehicle these plates undergo very high stress due to thermal shock, strong vibrations and the centrifugal force that develops. Therefore, the adhesive tape used has an important sealing role and it must also compensate for any possible deformation of the other elements.

Product PLUS

The high adhesive performances give to the product high firm hold and stability over time.

The specific foam density keeps the product costs low, while ensuring a good performance.

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 ± 2.0 mm. Different 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