

Technical data sheet

Total thickness (carrier + adhesive): **0.19 mm**

BS 26.04

Main carrier: TRANSPARENT PET FILM

Secondary carrier:




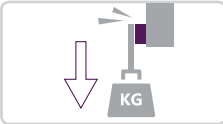
Main liner: TRANSPARENT RED SILICONIZED PP FILM

Secondary liner:

Open side adhesive: PURE ACRYLIC

Closed side adhesive: PURE ACRYLIC





Adhesive properties

| | | | | | |
|---------------------------------|---|-------------|------|---------|--------------------|
| Peel 90° on steel |  | Open side | 17.0 | M.U. | Method |
| | | Closed side | 17.0 | N/25 mm | BS 35 - AFERA 5001 |
| Rolling ball test |  | Open side | 0.3 | M.U. | Method |
| | | Closed side | 0.3 | Cm | BS 12 - PSTC-6 |
| Quick stick on steel |  | Open side | 21.0 | M.U. | Method |
| | | Closed side | 23.0 | N/25 mm | BS 6 - AFERA 4015 |
| Shear on steel |  | Open side | 8 | M.U. | Method |
| | | Closed side | 12 | Hours | BS 68 - AFERA 5012 |

Temperature resistance

| | | | |
|-----------------------|---|-----|----------|
| Long term |  | 120 | M.U.: °C |
| Short term |  | 200 | M.U.: °C |

Mechanical properties

| | | | | | |
|---|---|------|------|---------|------------|
| Tensile strength at break Longitudinal |  | Min. | Max. | M.U. | Method |
| | | 2000 | 3000 | Kg/cm2 | ASTM D 882 |
| Tensile strength at break Transversal |  | Min. | Max. | M.U. | Method |
| | | 2000 | 3000 | Kg/cm2 | ASTM D 882 |
| Elongation at break Longitudinal |  | Min. | Max. | M.U.: % | Method |
| | | 90 | 170 | | ASTM D 882 |
| Elongation at break Transversal |  | Min. | Max. | M.U.: % | Method |
| | | 90 | 160 | | 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 transparent red siliconized PP film liner.

The acrylic adhesives system (wet-style) provides very high adhesion performances on both sides.

Applications

Fixing of cable ducts and LED strips.

Lamination and fixing of trims and decorative elements in the furniture industry.

Fixing of gaskets and profiles for door and windows.

Mosquito net and roller-blind assembling.

Fixing of insulation material in insulation of roofs and walls process.

Structural bonding of car components in the automotive industry.

Assembly of leather, leatherette or fabric materials in footwear and leather goods sectors.

Product PLUS

Very high adhesion and cohesion.

Perfect bond to low surface energy materials.

Very high resistance to high temperature, UV rays and atmospheric agents.

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:
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