



Rollfoam 145 – 170 White

General description

The product is made up of a white polyethylene foam carrier and a green siliconized polyethylene film liner. The acrylic adhesive system (dry-style) provides medium-high adhesion performances on both sides and very high cohesion performances that gives to the product high firm hold and stability over time.

Total thickness (carrier + adhesive): 1,70 mm. - Density: 100 kg/m³

Temperature resistance: from -40 °C to +90 °C. - Adhesive temperature resistance: from -40 °C to 150 °C.

Applications

Ideal for fixing applications. Suitable for structural bonding of car components such as license plates, parking sensors, rocker panels, moldings, fender flares, spoiler, shark fin antennas, thermoformed parts, frames and emblems, and cover panels assembly in the automotive industry. Recommended for double-glazing structural bonding.

Product plus

The medium-high density foam carrier allows excellent adhesion holding over time. High resistance to UV-light, ageing, atmospheric agents and particular types of plasticizers. Moisture resistance thanks to the film liner that allows long-term storage.

Adhesive properties

| | | | |
|-----------------------------|-------------|-------------|-------------------|
| Peel 90° on steel | Open side | 10 N/ 25 mm | AFERA 5001 |
| | Closed side | 11 N/ 25 mm | |
| Rolling ball test | Open side | 4 cm | PSTC-6 |
| | Closed side | 4 cm | |
| Quick stick on steel | Open side | 22 N/25 mm | AFERA 4015 |
| | Closed side | 24 N/25 mm | |
| Shear on steel | Open side | 100 hours | AFERA 5012 |
| | Closed side | 100 hours | |

Mechanical properties

| | | | |
|---|-------------|------------|-----------------|
| Tensile strength at break - Longitudinal | Min. | Max | ISO 1926 |
| | 800 Kpa | 1400 Kpa | |
| Tensile strength at break - Transversal | Min. | Max | ISO 1926 |
| | 640 Kpa | 1000 Kpa | |
| Elongation at break - Longitudinal | Min. | Max | ISO 1926 |
| | 200% | 380% | |
| Elongation at break - Transversal | Min. | Max | ISO 1926 |
| | 180% | 320% | |

STORAGE

For a proper storage 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 surface 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.

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 test. Rolltape reserve the right to introduce at any moment and without warning those changes that they deem necessary. Tolerance of Technical Data: ±30%.