

TC-3836

Article number: 5233

Saint-Gobain® Biolink® TC-3836 is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a double-sided, differentially coated adhesive tape with one clean peel removable side. The adhesive on the permanent (open) side is a modified acrylic, intended to provide a good balance of adhesion and cohesion and can be utilized on structured surfaces, including plastics, textiles and non-wovens.

The removable adhesive intends to provide good levels of tack and shear, and good initial repositionability, clean peel removal, even after extended time of use.

Features/Benefits

- Secure adhesion to vehicle painted surface
- Residue-free removability, no paint damage
- Excellent processability
- Excellent resistance to aging, weathering and temperature



APPLICATIONS

- Temporary bonding of vehicle transport protection covers to paint

Tape construction

	Material	Color	Thickness
Liner	Silicone paper	Yellow	0,079 mm
Adhesive	Removable acrylic	Transparent	0,040 mm
Carrier	Polyester film	Transparent	0,019 mm
Adhesive	Modified acrylic	Transparent	0,060 mm
Liner	-	-	-

Total thickness: 0,119 mm



Standard roll size

- 50 mm width, 300 linear meter

Other roll dimensions are available on request.

Technical data

All tests were performed under standard test conditions. The values given here are typical values and should not be used for specification purposes.

Characteristics	Test method	In accordance to	Value
180° peel adhesion on steel at 20°C		AFERA 5001	LS: 3 N/25mm
			OS: 20 N/25mm
Static shear strength at 20°C		AFERA 5012	OS: 30 N/625mm ²
Operating temperature range	-	-	-40°C to +100°C
Short-term temperature application range	-	-	Up to +120°C

Important instructions

- It is not possible for **Saint-Gobain** to foresee or monitor every application of our products. We therefore strongly recommend that the product is tested under the respective application conditions before commercial use.
- The surfaces to be bonded to must be clean, dry and free of oil, grease, dust and dirt. We recommend cleaning with isopropyl alcohol.
- Apply adhesive tape with uniform pressure of 100-150 kPa to ensure good contact between the tape and the material to be bonded. The application temperature should be between 15°C and 40°C. It is not recommended to use below 15°C as the adhesive is too strong at low temperatures and may not bond optimally.
- Adhesive strength builds up slowly after application, and final adhesion is typically achieved after 72 hours. Adhesive build up can be accelerated by heating to above 40°C.
- Shelf life: Up to 12 months after purchase when stored in the original packaging under temperatures up to 21°C and 50% relative humidity. Avoid direct sunlight and large temperature fluctuations.
- The values listed in the data sheet are average values. The values are not binding, do not constitute a guarantee and are therefore not intended for technical specifications.
- Unless specifically negotiated, we reserve the right to use raw material from more than one source whilst maintaining a commercial match within the terms of this data sheet.

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to your actions or inactions, including your use, design, fabrication or application of the products into which the materials are incorporated.

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