

PROLINK 1000 R

Article number: 3106

Saint-Gobain® Biolink® prolink 1000 r is a transparent, double-sided, acrylic core adhesive tape. The flexible adhesive film is durable, pressure sensitive and guarantees a highly durable bond for high surface energy materials such as metals, glass and ceramics.

Due to the film thickness it is perfectly suited for bonding to rough and structured materials. The strength of the bond increases with the bonding time and reaches very high values.

Features/Benefits

- Can relieve tensions in the bonding
- Excellent adhesion
- Good shear strength
- Excellent resistance to aging, weathering and temperature

Tape construction

The following specifications are **Biolink** standard materials and thicknesses. Deviating thickness dimensions and an adaptation of the materials are possible on request.



APPLICATIONS

- Illuminated and advertising sign bonding
- Bonding of device emblems
- Bonding in the automotive sector



Total thickness: 1 mm

	Material	Color	Thickness
Liner	PP-Coex	Blue	0,125 mm
Adhesive	Pure acrylic	Transparent	1 mm
Carrier	-	-	-
Adhesive	-	-	-
Liner	-	-	-

Available sizes



The following information is the **Biolink** standard roll size. Other roll dimensions are available on request.

	25 lm*	33 lm	50 lm	100 lm	200 lm
610 mm	•	(•)	(•)	-	-
1270 mm	-	-	-	-	-
1450 mm	-	-	-	-	-

*Linear metre

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	37 N/25mm
Static shear strength at 20°C		AFERA 5012	30 N/625mm ²
Operating temperature range	-	-	-40°C to +120°C
Short-term temperature application range	-	-	Up to +150°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.



Saint-Gobain Tape Solutions
 North America | South America | Europe | Asia
 For a full list of locations, please visit
tapesolutions.saint-gobain.com/contact-us

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 misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: For a period of 24 months, Saint-Gobain warrants this product(s) to be free from defects in manufacturing. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Form #1602EU | © Saint-Gobain February 2021 | **Biolink** and **Saint-Gobain** are trademarks of Saint-Gobain.