

# TRANSLINK 50 R

## Article number: 2901

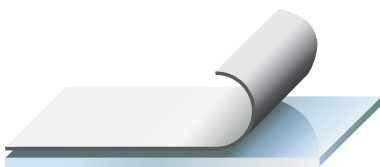
**Saint-Gobain® Biolink®** translink 50 r is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a transparent transfer adhesive tape. The flexible adhesive film is durable, pressure sensitive and guarantees a highly durable bond to high-energy materials such as metals, glass and ceramics.

The strength of the bond increases with the bonding time and reaches very high values.

### Features/Benefits

- Outstanding shear strength
- Great final adhesion to polar substrates
- Excellent resistance to aging, weathering and temperature
- Very good chemical resistance

### Tape construction



**Total thickness: 0,050 mm**

	Material	Color	Thickness
Liner	PE-coated paper	White	0,120 mm
Adhesive	Pure acrylic	Transparent	0,050 mm
Carrier	-	-	-
Adhesive	-	-	-
Liner	-	-	-



### APPLICATIONS

- High temperature applications
- Metal laminations
- Bonding in the automotive sector



### Standard roll size

- 1510 mm width, 250 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	22 N/25mm
Static shear strength at 20°C		AFERA 5012	75 N/625mm <sup>2</sup>
Operating temperature range	-	-	-40°C to +150°C
Short-term temperature application range	-	-	Up to +200°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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