

TC 4871

Article number: 6445

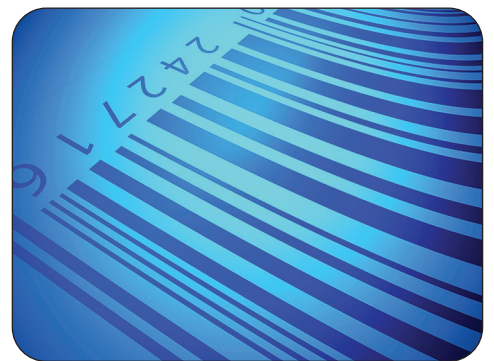
Saint-Gobain® Biolink® TC 4871 is a single sided tape with a transparent polyester film carrier. The removable adhesive provides good levels of tack and shear, whilst providing good initial repositionability and clean peel removability from most surfaces even after extended time of use.

Features/Benefits

- Excellent and secure adhesion to the substrate
- Residue-free removability
- Excellent resistance to aging, weathering and temperature

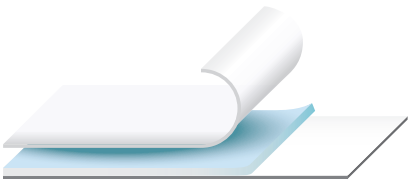
Tape construction

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



APPLICATIONS

- Labeling industry applications
- Temporary bonding in various areas
- Protection film/processing aid

	Material	Color	Thickness
	PE-paper	White	0,12 mm
	Removable pure acrylic	Transparent	0,05 mm
	Polyester foil	Transparent	0,05 mm
	-	-	-
	-	-	-

Total thickness: 0,10 mm



Available sizes


The following information is the **Biolink** standard roll size. Other roll dimensions as well as finished die-cuts and spools are available on request.

	50 lm*	115 lm	250 lm	500 lm	1000 lm
1050 mm	-	-	-	-	-
1270 mm	-	•	-	-	-
1490 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	4 N/25mm
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.

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