



Blue liner

Acrylic adhesive for superior adhesion

Grey acrylic foam core

Z2000 SERIES

Grey, Double-Sided, Acrylic Foam Tape for Automotive

Saint-Gobain® Norbond® Z2000 Series is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a high performance grey, double-sided, acrylic coated foam tape with outstanding viscoelastic and adhesion properties. Z2000 is characterized by short-term adhesion build and excellent adhesion to automotive paint systems as well as Medium Surface Energy (MSE) plastics such as ABS and ASA.

Norbond Z2000 Series is specially intended to provide the following features:

- Engineered foam core for durable stress resistance
- Resistance to weathering degradation (UV and high temperature)
- Enhanced short-term adhesion build
- Excellent adhesion on a variety of automotive paint systems
- Durable performance at elevated temperature
- Shock and stress absorption

Available Sizes

- Standard thickness: 0.5 mm, 0.8 mm, 1.14 mm, 1.52 mm and 2.0 mm
- Master roll size: 2.0 mm at 700 mm width, others at 1200 mm width

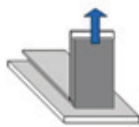


TYPICAL APPLICATIONS

- Body side moldings (BSM)
- Claddings
- Window lace
- Wheel flares
- Roof ditch molding

Norbond Z2000 Test Data

Performance tests are run using standard test procedures. The values presented are average typical values and should not be used for specification purposes.



	Thickness (Without Liner) mm	90° Peel Adhesion ¹		Dynamic Shear ²	Static Shear ³	Service Temperature
		Unprimed ASA		Unprimed ASA to Painted Panel		
		24 Hour Dwell (RT)	Climate Aged 240H at 70°C and 100% r.H.	24 Hour Dwell (RT)	70°C > 500 g	
		N/cm		N/cm ²	Minutes	
Z2005	0.5	24	25	130	Pass & Exceeds 30 min	-35°C to 93°C
Z2008	0.8	35	36	117		
Z2011	1.14	45	40	105		
Z2015	1.52	50	34	104		
Z2020	2.0	28	32	69		

Note: The values are averages from actual test data done on limited samples of material and results may vary. **Saint-Gobain** materials were chosen randomly from commercial stock. All testing was done at room temperature unless noted using the same method for all conditions.

1. Test speed at 100 mm/min 2. Based on DIN EN 1465 at 50 mm/min 3. Based on DIN EN 15336

Important Instructions

Because **Saint-Gobain** cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions prior to commercial use.

Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface.

Apply a uniform pressure of 15 psi (103 kPa) to promote good contact between the material to be bonded and the tape. The application temperature should be between 16°C to 52°C (60°F and 125°F). It is not recommended to apply these tapes at temperatures below 16°C (60°F).

The adhesion between the substrate and the tape increases with time, typically reaching final bond strength in 72 hours. Heating the product above 40°C (105°F) will accelerate the adhesion process.

Shelf Life

24 months after the date of sale when stored in original packaging at 70°F (21°C) and 50% relative humidity.



Need more adhesion? Stick with Norbond Adhesion Promoters

Norbond Adhesion Promoters are designed to work in conjunction with acrylic, pressure-sensitive adhesive systems (such as those used on Z2000 Bonding Tapes). **Norbond** improves bonding on substrates that resist adhesion. It can be used to develop an immediate quick-stick and generally improves pressure-sensitive acrylic adhesive systems. This enhances adhesion to irregular and curved surfaces. Various formulations are available for specific substrates.

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.

WARRANTY: This document should not be considered a warranty or a guarantee. The descriptions of the Product provided hereinabove may vary based on specifications requested and testing protocols. Typically, Saint-Gobain warrants that product(s) will meet mutually agreed specifications at delivery and Saint-Gobain honors any breach of warranty claims for six (6) months from delivery of the products. If a product is determined to be nonconforming with its warranty, Saint-Gobain's sole obligation is, at its option, to either replace the nonconforming products or reimburse the purchase price for the same.

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