

Z2000 SERIES

Grey, Double-Sided, Acrylic Foam Tape for Automotive

Saint-Gobain® Norbond® Z2000 series is 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 designed 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: 0.76 mm and 1.14 mm
- Master roll size: 800 mm x 33 m

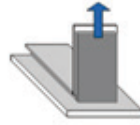


TYPICAL APPLICATIONS

- 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 typical values and should not be used for specification purposes.



Thickness	90° Peel Adhesion ¹ Automotive Painted Panel			90° Peel Adhesion ¹ ABS - Unprimed	90° Peel Adhesion ¹ ABS - Primed	Static Shear ²	Service Temperature	
	Without Liner	20 Minute Dwell	72 Hour Dwell	Accelerated Aging	72 Hour Dwell	72 Hour Dwell		Painted Panel (80 °C)
	mm	N/cm	N/cm	N/cm	N/cm	N/cm		
Z2008	0.76	26	29	29	27	28	Pass & Exceeds	-35°C to 93°C
Z2011	1.14	33	39	42	38	39	Pass & Exceeds	-35°C to 93°C

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. Based on ISO8510-1

2. 7 Day Duration (minimum). Samples 25mm x 25mm.

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

12 months from date of sale when stored in original packaging at 21°C (70°F) 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.



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IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain Performance Plastics 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 6 months, Saint-Gobain Performance Plastics 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 PERFORMANCE PLASTICS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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