

## Grey, Double-Sided, Acrylic Foam Tape for Automotive

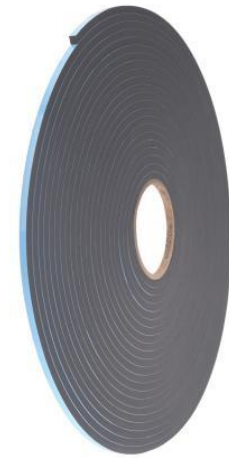
Saint-Gobain® Norbond® Z2000 series is a high performance grey, double-sided, acrylic coated foam tape with outstanding viscoelastic and adhesion properties. Z2000 is characterized by short-term adhesion build and excellent adhesion to automotive paint systems as well as Medium Surface Energy (MSE) plastics 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: 0.5 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 800 mm width



### **TYPICAL APPLICATIONS:**

- Body Side Molding (BSM)
- Claddings
- Window lace
- Wheel flares
- Roof ditch molding



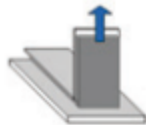
# MATRIX PRECISION CONVERTING

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Matrix specializes in precision cutting and converting of engineered materials to meet the exact specifications required by manufacturers. Our state-of-the-art equipment and expertise ensure precise customization, providing manufacturers with streamlined solutions to enhance their product quality and performance.

## 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)	90° Peel Adhesion <sup>1</sup>		Dynamic Shear <sup>2</sup>	Static Shear <sup>3</sup>	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	
mm	N/cm		N/cm <sup>2</sup>	Minutes		
<b>Z2005</b>	0.5	24	25	130	Pass & Exceeds 30 min	-35°C to 93°C
<b>Z2008</b>	0.8	35	36	117		
<b>Z2011</b>	1.14	45	40	105		
<b>Z2015</b>	1.52	50	34	104		
<b>Z2020</b>	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 manufacture when stored in original packaging at temperatures up to 21°C (70°F) and 50% relative humidity.