

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

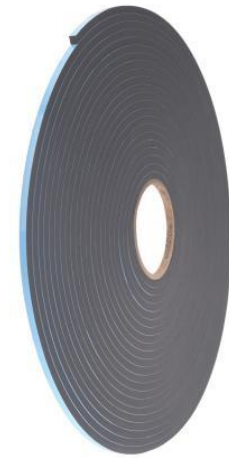
Saint-Gobain® Norbond® Z3000 Series is a primerless, dark grey, differential coated, acrylic foam tape with outstanding viscoelastic and adhesion properties.

Z3000 is characterized by its excellent adhesion of low surface energy (LSE) plastics such as PP-EPDM, to automotive paint systems or medium surface energy (MSE) plastics such as ABS and ASA.

Norbond Z3000 can eliminate the need for primer in the tape application, offering a healthier and more sustainable process that saves time and reduces overall cost without sacrificing performance.

Norbond Z3000 Series is specifically designed to provide the following features:

- Excellent primerless adhesion to LSE plastics on the non-liner side (NLS)
- Strong adhesion to OEM clear coats and MSE plastics on the liner side (LS)
- Engineered core that yields cohesive foam split across a range of OEM exposure conditions
- Superior peel strength with enhanced short-term adhesion build
- Reliable static holding power at temperatures up to 90°C
- High resistance to humidity and aging conditions



TYPICAL APPLICATIONS:

- Body Side Molding (BSM)
- Wheel flares
- Rocker panels
- Spoilers



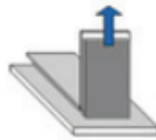
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Your Application. Our Expertise.

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 Z3000 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.



	90° Peel Adhesion ¹						Static Shear ²	
	LS to 2K Clear Coat Panel			NLS to unprimed PP/EPDM			NLS to unprimed PP/EPDM	
	Thickness (Without Liner)	20 Min Dwell (RT)	72 Hr Dwell (RT)	Climate Aged 240H at 40°C and 100% r.H.	20 Min Dwell (RT)	72 Hr Dwell (RT)	Climate Aged 240H at 40°C and 100% r.H.	1 N/cm ² @ 90°C
mm	N/cm						hours	
Z3000	1.1	41	42	40	28	41	43	Pass & Exceeds 100 hr

Note: Z3000 was designed and approved to OEM specification requirements. Representative values of Z3011 are presented for comparison purposes only and shall not be used for specification purposes. The values are averages from actual test data, performed on a limited set of samples and materials, and individual results may vary. **Saint-Gobain** materials were chosen randomly from commercial stock. All testing was performed at room temperature unless otherwise noted, using the same method for each condition. Please contact **Saint-Gobain** Tape Solutions Application Engineering to obtain specific test results.

1. Test speed at 300 mm/min 2. Based on DIN EN 1943

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 after the date of manufacture when stored in original packaging at temperatures up to 21°C (70°F) and 50% relative humidity.