



NORBOND. 

SG1000G Series

SG1000G Series

Grey, Double-Sided, Acrylic Foam Tape for Automotive

Saint-Gobain Norbond® SG1000G series is a grey, double-sided, coated acrylic foam tape with outstanding viscoelastic and adhesion properties. It offers ideal bonding performance for many interior and exterior industrial applications. Formulated for durable, long-lasting adhesion, SG1000 series exceeds industry standards for shear strength and bonding to high surface energy substrates, even at elevated temperatures.

The tape viscoelastic core is specially designed to provide the following features:

- Great conformability and stretching
- Resistance to weathering degradation (UV and high temperature)
- Excellent performance in T-block and dynamic shear
- Outstanding static shear adhesion
- Durable adhesion at elevated temperature
- Shock and stress absorption



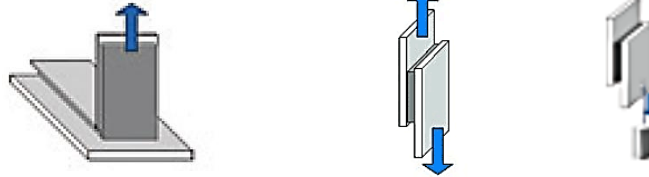
APPLICATIONS

- Bonding of emblems, tread plates, body side trim
- Assisted bonding of rocker panels, wheel flares, spoilers
- Car interior bonding applications


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SG1000G Series – Properties

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



Thickness	Peel Adhesion ¹ Painted Panel		Dynamic Shear ²	Static Shear – H.C.R ³	Service Temperature
	20 min	72 h	24 h		
mm	N/cm	N/cm	N/cm ²	° C	
0.4	9.6	12	57	120	-35°C to 93°C
0.8	13	19	58	120	-35°C to 93°C
1.2	14.5	24	55	120	-35°C to 93°C

¹ Peel tests run at RT / jaw separation rate 300 mm/min as per ASTM D3330

² Stainless Steel Samples 25 mm x 25 mm / jaw separation rate 50 mm/min as per ASTM D1002.

³ Based on ASTM D3654 / Samples 25 mm x 25mm / 40 to 120 °C/20 min (10 °C) / 500g.

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.



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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.