

A7700 SERIES

Black, Double-Sided, Acrylic Foam Tape

Saint-Gobain® Norbond® A7700 Series is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a high-performance black acrylic foam tape intended for securing trims, moldings, panels and other modern automotive surfaces with a durable bond for extreme conditions. A7700 combines performance capability and visual appearance, which makes it an excellent choice for a variety of demanding applications in both exterior and interior environments where medium and high surface energy substrates are utilized.

A7700 Series is specifically intended to provide the following features:

- Enhanced quick build adhesion performance for in-field assembly
- Excellent performance in peel, tensile and dynamic shear adhesion
- Durable adhesion at elevated temperature
- Resistant to all weathering conditions
- Cleaner sight lines to hide the attachment in plain sight

Available Sizes

Standard thickness: 1.1 mm (.043 in.) and 1.6 mm (.063 in.)

Master roll size: 800 mm (31.5 in.) × 33 m (108 ft)

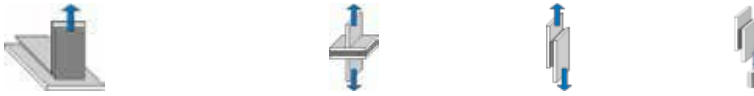


APPLICATIONS

- Transportation bonding (side panels, trims)
- Automotive aftermarket attachment

Norbond A7700 – Properties

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



90° Peel Adhesion ¹		T-Block ²	Dynamic Shear ³	Static Shear ⁴	Service Temperature
20 minute dwell	3-day dwell				
Stainless Steel	Stainless Steel	Aluminum	Stainless Steel	Stainless Steel	
N/cm (lb/in)	N/cm (lb/in)	N/cm ² (lb/in ²)	N/cm ² (lb/in ²)	7 days/1 kg	
34 (19)	39 (22)	57 (83)	54 (79)	Pass and Exceeds	
					-35°C to 93°C (-30°F to 200°F)

¹ Based on ASTM D3330 ² Based on ASTM D897 ³ Based on ASTM D1002 ⁴ Based on ASTM D3654
 Test data shown is typical for 1.1mm thickness.

Options (subject to minimum order requirements)

Liner: Available on coated release liner, with low liner release values for quick and seamless removal.

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 103 kPa (15 psi) 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), as the adhesive does not flow in this condition and can result in poor bonding.
- 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.

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.

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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 DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE.

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