

A7600 SERIES

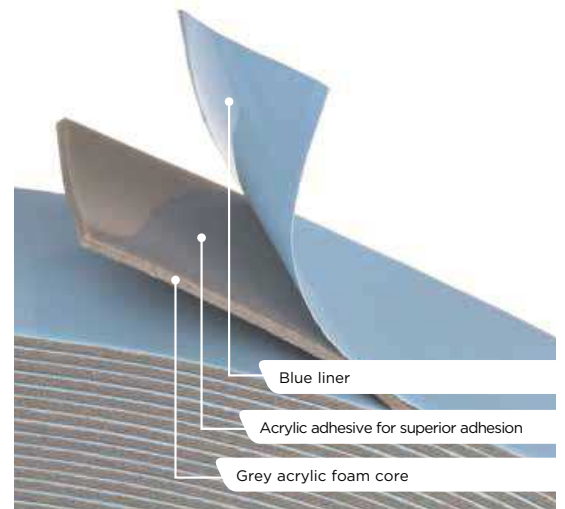


FOAM Sealant

ISO 9001:2015 CERTIFIED

Gray, Double-Sided, Acrylic Foam Tape

Norbond® A7600 series is a high performance, double-sided 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, A7600 exceeds industry standards for shear strength and bonding to high surface energy substrates, even at elevated temperatures.



A7600 is specifically designed to provide the following features:

- Enhanced short-term adhesion performance to help aid in field assembly
- Great conformability and resistance to dynamic stress loads
- Excellent performance in peel, tensile, and dynamic shear adhesion
- Durable adhesion at elevated temperature
- Shock and stress absorption



Available Sizes

Standard thickness: 1.1 mm (.043 in.)

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

Jumbo roll size: 800 mm (31.5 in.) × 300m (984 ft)

Applications

- Bus, truck and trailer skin bonding
- Bus, truck and trailer roof bow bonding
- Replacement of permanent fastening systems (rivets, welds and liquid adhesives) used in general industrial applications



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Norbond A7600 – Properties

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		T-Block ²	Dynamic Shear ³	Static Shear ⁴	Service Temperature
	20 minute dwell	3-day dwell				
Without Liner	Stainless Steel	Stainless Steel	Aluminium	Stainless Steel	Stainless Steel	
mm (in.)	N/cm (lb/in)	N/cm (lb/in)	N/cm ² (lb/in ²)	N/cm ² (lb/in ²)	7 days/1 kg	
1.1 (.043)	34 (19)	39 (22)	57 (83)	54 (79)	Pass and Exceeds	

¹ Based on ASTM D3330

³ Based on ASTM D1002

² Based on ASTM D897

⁴ Based on ASTM D3654

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 manufacture when stored in original packaging at temperatures up to 21°C (70°F) 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 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 24 months, Saint-Gobain 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 DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

For more information see: www.tapesolutions.saint-gobain.com