

A7400 SERIES

White, Double-Sided, Acrylic Foam Tape

Saint-Gobain® Norbond® A7400 Series is a white, double-sided, coated acrylic foam tape with outstanding viscoelastic and adhesion properties. It offers ideal bonding performance for many interior and exterior industrial applications where a white aesthetic is required. A7400 is formulated for durable, long-lasting adhesion to high surface energy substrates.

The A7400 series 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

Available Sizes

Standard thickness: 0.6mm (.024 in.), 1.1mm (.043 in.), 2.0mm (.079 in.)

Master roll size: 800mm (31.5 in.) x 33m (108 ft), 30m (98 ft), 15m (49 ft)

Special thickness and roll sizes also available.




APPLICATIONS

- Hinges, handles and control elements for appliances
- Mirror mounting
- Roof panel bonding on truck cabs
- Industrial machinery components

Norbond A7400 – 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 (3-day dwell)				T-Block ²	Dynamic Shear ³	Static Shear ⁴	Service Temperature
	Without Liner	Glass	Aluminum	Stainless Steel	PMMA	Aluminum	Stainless Steel	
mm (in.)	N/cm (lb/in)	N/cm (lb/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	
0.6 (.024)	27 (15)	42 (24)	25 (14)	22 (13)	82 (118)	50 (72)	Pass	-35°C to 93°C (-30°F to 200°F)
1.1 (.043)	35 (20)	55 (32)	35 (20)	28 (16)	72 (104)	51 (74)	Pass	-35°C to 93°C (-30°F to 200°F)
2.0 (.079)	41 (23)	68 (39)	43 (24)	31 (17)	73 (106)	43 (63)	Pass ⁵	-35°C to 93°C (-30°F to 200°F)

¹ Based on ASTM D3330

³ Based on ASTM D1002

⁵ 750 g

² Based on ASTM D897

⁴ Based on ASTM D3654

Options (subject to minimum order requirements)

Liner: A variety of substrate options (thickness, polymer, color, graphic printed) and release level options are available upon request.

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.



Need more adhesion? Stick with Saint-Gobain Norbond Adhesion Promoters.

Norbond adhesion promoters are designed to work in conjunction with acrylic, pressure-sensitive adhesive systems (such as those used on **Norbond** tapes). **Norbond** improves bonding on substrates that resist adhesion. It can be used to develop an immediate quick-stick and generally improves pressure-sensitive acrylic adhesive systems. This enhances adhesion to irregular and curved surfaces. Various formulations are available for specific substrates.

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 24 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.

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