

A7400 SERIES



FOAM Sealant

ISO 9001:2015 CERTIFIED

White, Double-Sided, Acrylic Foam Tape

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:

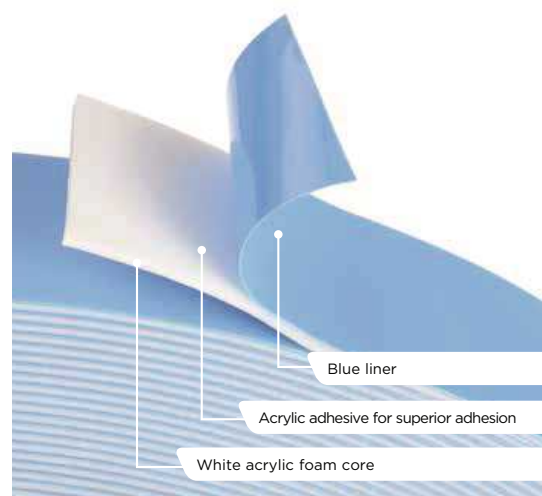
- Great conformability and stretching
- Resistance to weathering degradation (UV and high temperature)
- Excellent performance in T-block and dynamic shear
- Outstanding static shear adhesion
- Durable adhesion at elevated temperature
- Shock and stress absorption

Available Sizes

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

Master roll size: 800mm (31.5 in.) × 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



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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	Aluminium	Stainless Steel	PMMA	Aluminium	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, colour, 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.