NORBOND

A7450 SERIES

White, Double-Sided, Acrylic Foam Tape

Saint-Gobain® Norbond® A7450 is a white, double-sided, coated acrylic foam tape with outstanding viscoelastic and adhesion properties. A7450 is constructed of a firm acrylic foam core and specially formulated high performance adhesive that provides high ultimate adhesion performance for interior and exterior bonding applications. A7450 exceeds industry standards for adhesion strength and bonding to many high and medium surface energy substrates, even at elevated temperatures.

The A7450 series viscoelastic core is specially designed to provide the following features:

- Enhanced short-term adhesion performance to help aid in field assembly
- Resistance to weathering degradation (UV and high temperature)
- Good conformability and stretching
- High T-block and dynamic shear adhesion performance
- Outstanding static 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.) × 33 m (108 ft)

Special thickness and roll sizes also available.

APPLICATIONS

- Replacement of permanent fastening systems (rivets, welds and liquid adhesives) used in general industrial applications
- Signage/display bonding
- Panel stiffener bonding
- Trim attachments

SAINT-GOBAIN

Norbond A7450 – 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] (20 minute dwell)	90° Peel Adhesion[1] (3 day dwell)					T-Block[2]	Dynamic Shear[3]	Static Shear[4]	Service Temperature
Stainless Steel	Stainless Steel	Glass	PMMA	PC	PVC (Rigid)	Aluminum	Stainless Steel	Stainless Steel	
N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	N/cm² (lb/in²)	N/cm² (lb/in²)	7 days/1 kg	
48 (27)	53 (30)	50 (28)	48 (27)	48 (27)	44 (25)	98 (142)	58 (84)	Pass and Exceeds	-35°C to 93°C (-30°F to 200°F)

[1] Based on ASTM D3330 [3] Based on ASTM D1002 [2] Based on ASTM D897 [4] Based on ASTM D3654

Data shown is representative of 1.1 mm thick tape.

Options (subject to minimum order requirements)

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.

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.

SAINT-GOBAIN

Saint-Gobain Tape Solutions

North America | South America | Europe | Asia

For a full list of locations, please visit tapesolutions.saint-gobain.com/contact-us

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.

Form #1577 | © Saint-Gobain August 2019 | **Norbond** and **Saint-Gobain** are trademarks of Saint-Gobain.