

**NORBOND®** 

**A7300 Series**

Providing durable, long-lasting security

## Grey, Double-Sided, Acrylic Foam Tape

Saint-Gobain NORBOND® A7300 series is a grey, double-sided, coated 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, A7300 exceeds industry standards for shear strength and bonding to high surface energy substrates, even at elevated temperatures.

The A7300 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 temperatures
- Shock and stress absorption

### Available Sizes

Standard thickness: 0.5, 0.8 and 1.1 mm

Master roll size: 800 mm x 33 m

Special thickness and roll sizes also available.



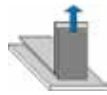
### Applications

- Signage/display bonding
- 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® A7300 Series – 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 <sup>1</sup><br>(3-day dwell) |              |              |                 | T-Block <sup>2</sup>                    | Dynamic Shear <sup>3</sup>              | Static Shear <sup>4</sup> | Service Temperature               |
|-----------|---|--------------|--------------|-----------------|---|---|---------------------------|-----------------------------------|
|           | Without Liner                                   | Glass        | Aluminum     | Stainless Steel | PMMA                                    | Aluminum                                | Stainless Steel           |                                   |
| mm        | N/cm (lb/in)                                    | N/cm (lb/in) | N/cm (lb/in) | N/cm (lb/in)    | N/cm <sup>2</sup> (lb/in <sup>2</sup> ) | N/cm <sup>2</sup> (lb/in <sup>2</sup> ) | 7 days/1 kg               |                                   |
| 0.5       | 21 (12)   | 30 (17)      | 19 (11)      | 16 (9)          | 59 (86)                                 | 46 (67)                                 | Pass & exceeds            | -35°C to 93°C<br>(-30°F to 200°F) |
| 0.8       | 28 (16)   | 39 (22)      | 24 (14)      | 22 (13)         | 76 (110)                                | 43 (62)                                 | Pass & exceeds            | -35°C to 93°C<br>(-30°F to 200°F) |
| 1.1       | 35 (20)   | 57 (33)      | 34 (20)      | 29 (17)         | 69 (100)                                | 33 (48)                                 | Pass & exceeds            | -35°C to 93°C<br>(-30°F to 200°F) |

<sup>1</sup> Based on ASTM D3330

<sup>2</sup> Based on ASTM D897

<sup>3</sup> Based on ASTM D1002

<sup>4</sup> 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 15 psi (103 kPa) 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

12 months from date of sale when stored in original packaging at 21°C (70°F) and 50% relative humidity.



### Need more adhesion? Stick with NORBOND® Adhesion Promoters.

NORBOND® adhesion promoters are designed to work in conjunction with acrylic, pressure-sensitive adhesive systems (such as those used on A7300 bonding 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.

NORBOND is a registered trademark of Saint-Gobain Performance Plastics.



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