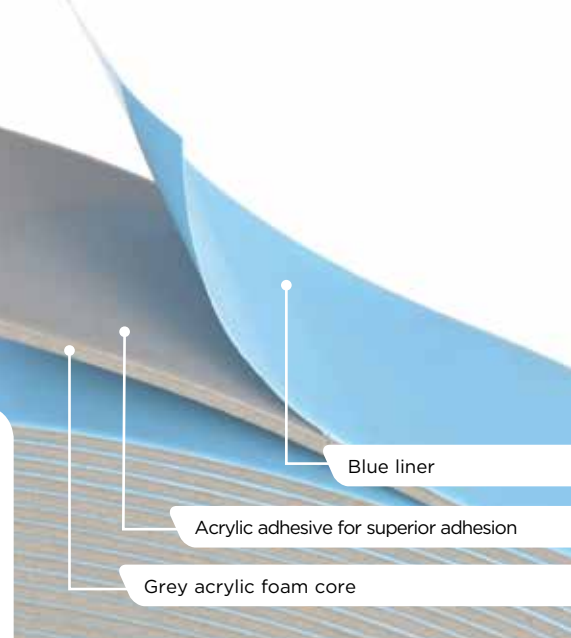




# A7300 SERIES

## Grey, Double-Sided, Acrylic Foam Tape

**Saint-Gobain® Norbond®** A7300 Series is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with 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 intended 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: 0.5, 0.8, 1.1 and 1.6 mm

Master roll size: 1200 mm × 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

## Norbond A7300 — 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                         | 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 and Exceeds          | -35°C to 93°C (-30°F to 200°F) |
| 0.8           | 28 (16)                                         | 39 (22)      | 24 (14)         | 22 (13)      | 76 (110)                                | 43 (62)                                 | Pass and Exceeds          | -35°C to 93°C (-30°F to 200°F) |
| 1.1           | 35 (20)                                         | 57 (33)      | 34 (20)         | 29 (17)      | 69 (100)                                | 33 (48)                                 | Pass and Exceeds          | -35°C to 93°C (-30°F to 200°F) |
| 1.6           | 42 (24)                                         | 43 (24)      | 46 (26)         | 37 (21)      | 69 (100)                                | 45 (66)                                 | Pass                      | -35°C to 93°C (-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 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

12 months after the date of sale when stored in original packaging at temperatures up to 35°C (95°F) and 70% relative humidity.



TAPE SOLUTIONS

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