

Blue liner

Gray acrylic foam core

A7300M SERIES

Gray Acrylic Foam Core Tape

Saint-Gobain® Norbond® A7300M is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a gray acrylic foam core tape with outstanding viscoelastic and adhesion properties. It offers excellent peel adhesion performance and good shear adhesion for interior and exterior industrial applications. A7300M exceeds industry standards for bonding to high surface energy substrates, even at elevated temperatures.

The A7300M Series viscoelastic core is specially intended to provide the following features:

- Good conformability and stretching
- Resistance to weathering degradation (UV and high temperature)
- High peel adhesion performance across a range of substrates
- Excellent static shear adhesion
- Durable adhesion at elevated temperature
- Shock and stress absorption

Available Sizes

Standard thickness: 0.5 mm (.020 in.), 0.8 mm (.031 in.), 1.1 mm (.043 in.), 1.5 mm (.059 in.)

Master roll size: 1200 mm (47.2 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
- Trim attachments
- Emblem and nameplate bonding

Norbond A7300M — 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
	Stainless Steel	AL	PMMA	Glass	Aluminum	Stainless Steel	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	
0.5	25 (14)	19 (11)	23 (13)	25 (14)	49 (71)	43 (62)	Pass and Exceeds	-35°C to 93°C (-30°F to 200°F)
0.8	38 (21)	31 (18)	28 (16)	38 (21)	59 (86)	70 (102)	Pass and Exceeds	-35°C to 93°C (-30°F to 200°F)
1.1	46 (26)	38 (21)	29 (17)	47 (27)	62 (90)	41 (59)	Pass and Exceeds	-35°C to 93°C (-30°F to 200°F)
1.5	32 (18)	36 (20)	33 (19)	33 (19)	47 (68)	38 (55)	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

Options (subject to minimum order requirements)

A7300M is available with a low density, medium release blue liner for durability.

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.

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 your actions or inactions, including your use, design, fabrication or application of the products into which the materials are incorporated.

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