



# NORBOND®

## A7500 Series

Providing durable, long-lasting security

## Dark, Double-Sided, Acrylic Core Tape

Saint-Gobain NORBOND® A7500 series is a dark acrylic core tape designed with a black edge profile, with outstanding viscoelastic and adhesion properties. It is designed for ideal bonding on many interior and exterior industrial applications where a dark aesthetic is required. A7500 is formulated for durable, long-lasting adhesion to high surface energy substrates.

The A7500 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
- Durable adhesion at elevated temperatures
- Shock and stress absorption

### Available Sizes

Standard thickness: 0.7, 1.1 and 1.6 mm

Master roll size: 800 mm x 33 m, 30 m, 20 m

Special thickness and roll sizes also available.



### Applications

- Window shade side channels
- Elevator panels
- Shelving/furniture
- Ceramic cooktop bonding

## NORBOND® A7500 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> (3-day dwell)				T-Block <sup>2</sup>	Dynamic Shear <sup>3</sup>	Static Shear <sup>4</sup>	Service Temperature
	Glass	Aluminum	Stainless Steel	PMMA	Aluminum	Stainless Steel	Stainless Steel	
Without Liner	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	
mm								
0.7	23 (13)	31 (18)	21 (12)	20 (12)	65 (95)	44 (64)	Pass	-35°C to 93°C (-30°F to 200°F)
1.1	27 (16)	48 (27)	24 (14)	21 (12)	66 (96)	34 (49)	Pass <sup>5</sup>	-35°C to 93°C (-30°F to 200°F)
1.6	27 (16)	51 (29)	26 (15)	22 (13)	52 (76)	34 (49)	Pass <sup>5</sup>	-35°C to 93°C (-30°F to 200°F)

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

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

<sup>5</sup> 500 g

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

<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

24 months after the date of manufacture when stored in original packaging at temperatures up to 35°C (95°F) and 70% 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 A7500 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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