

# A7500 SERIES



**FOAM** Sealant

ISO 9001:2015 CERTIFIED

Dark, Double-Sided, Acrylic Core Tape

**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:

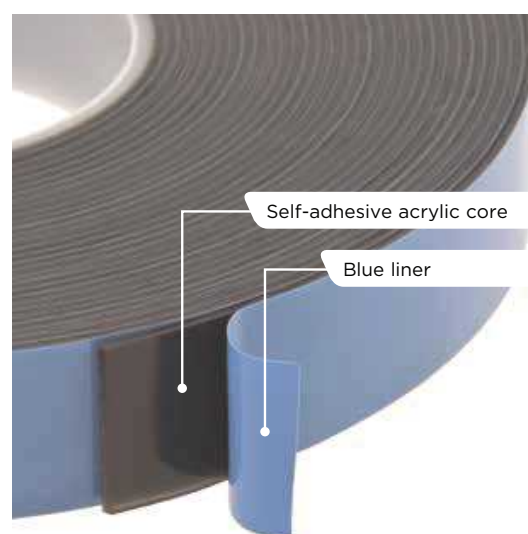
- Great conformability and stretching
- Resistance to weathering degradation (UV and high temperature)
- Excellent performance in T-block and dynamic shear
- Durable adhesion at elevated temperatures
- Shock and stress absorption

## Available Sizes

Standard thickness: 0.7mm (.028 in.), 1.1mm (.043 in.), 1.6mm (.063 in.)

Master roll size: 800mm (31.5 in.) × 33m (108ft), 30m (98ft), 20m (65ft)

Special thickness and roll sizes also available.



## Applications

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



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## Norbond A7500 — 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
	Without Liner	Glass	Aluminium	Stainless Steel	PMMA	Aluminium	Stainless Steel	
mm (in.)	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	
0.7 (.028)	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 (.043)	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 (.063)	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 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.