

# V1300 SERIES

## White, General-Purpose, Polyurethane Foam Tape

**Saint-Gobain® Norbond®** V1300 Series Bonding Tapes are manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and combine a white polyurethane foam substrate with a durable, pressure-sensitive acrylic adhesive on both sides. The foam properties dissipate vibrations and distribute stress forces, while the adhesive maintains a long-term bond. The conformability of **Norbond** V1300 Series Mounting Tapes promotes maximum surface contact with less distortion and is ideal for interior applications.

The V1300 Series is specially intended to provide the following features:

- Helps prevent corrosion by eliminating contact between dissimilar materials
- Mitigates effects of temperature-induced expansion and contraction
- Promotes maximum surface contact and adhesive “wet-out”
- Acrylic adhesive provides durable bond
- Absorbs vibration

### Available Sizes

Standard thickness: .030, .062 and .125 in.

Master roll size: 56 in. (1422 mm) width. Slit rolls also available.

Standard roll length varies with thickness.

Nonstandard roll length available on special order.



### APPLICATIONS

- Security pads
- Signs
- Mirror mounting
- Component mounts
- Wire/cable mounts
- Appliance emblems
- Retail packaging
- Wall displays
- Interior trim and ornamentation
- Tiles and panels
- Kick panels
- Panel stiffener attachment
- Glass lamination

**Norbond V1300 Series – Properties**

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

Property	Test Method	Value or Rating
Density: lbs/ft <sup>3</sup> (kg/m <sup>3</sup> )	ASTM D-1667	25 (400)*
180° Peel Adhesion: oz/in. (N/m)	PSTC-3	96 (1,050)
Dynamic Shear Adhesion: psi (kPa) 15 min. dwell	NTP-5	115 (793)
Tensile Strength of Foam: psi (kPa)	ASTM D-412 DIE C	170 (1,171)
Elongation of Foam: %	ASTM D-412 DIE C	215

\* V1330 is 28 lbs/ft<sup>3</sup> (470 kg/m<sup>3</sup>)

Please note: White foam substrate may yellow in color with exposure to UV light without affecting bonding performance.

**Options (subject to minimum order requirements)**

Liner: Powder-blue polyethylene liner is standard. Other liners may be available with minimum order requirement.

**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 60°F and 125°F (16°C to 52°C). It is not recommended to apply these tapes at temperatures below 60°F (16°C), as the adhesive does not flow in this condition and can result in poor bonding.
- Recommended service temperature is between -30°F to 200°F (-34°C to 93°C).
- The adhesion between the substrate and the tape increases with time, typically reaching final bond strength in 72 hours. Heating the product above 105°F (40°C) will accelerate the adhesion process.

**Shelf Life**

12 months after the date of sale when stored in original packaging at temperatures up to 70°F (21°C) 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.

**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.

**WARRANTY:** This document should not be considered a warranty or a guarantee. The descriptions of the Product provided hereinabove may vary based on specifications requested and testing protocols. Typically, Saint-Gobain warrants that product(s) will meet mutually agreed specifications at delivery and Saint-Gobain honors any breach of warranty claims for six (6) months from delivery of the products. If a product is determined to be nonconforming with its warranty, Saint-Gobain’s sole obligation is, at its option, to either replace the nonconforming products or reimburse the purchase price for the same.

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**Norbond V1300 – Standard Roll Sizes**

Product No.	Thickness in. (mm)	Length ft. (m)
V1330	.030 (.8)	200 (61)
V1362	.062 (1.6)	200 (61)
V13124	.125 (3.2)	100 (30.5)

3" I.D. cardboard cores standard



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