



TBP Converting, Inc.
Saint Gobain V1300 Series PDS

V1300 SERIES

White, General-Purpose, Polyurethane Foam Tape

Saint-Gobain® Norbond® V1300 series bonding tapes 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 designed 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 ³ (kg/m ³)	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/ft³ (470 kg/m³)

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

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

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.