

High Density, Closed Cell Polyurethane Foam Substrate
With a High Performance Acrylic Adhesive on Both Sides

Normount® V2000

Features/Benefits:

- Higher shear strength
- Excellent for die-cutting
- High strength, durable acrylic adhesive for long term bond
- Superior aging properties
- Complete compatibility with polycarbonates, acrylic plastics and most silicones tested**

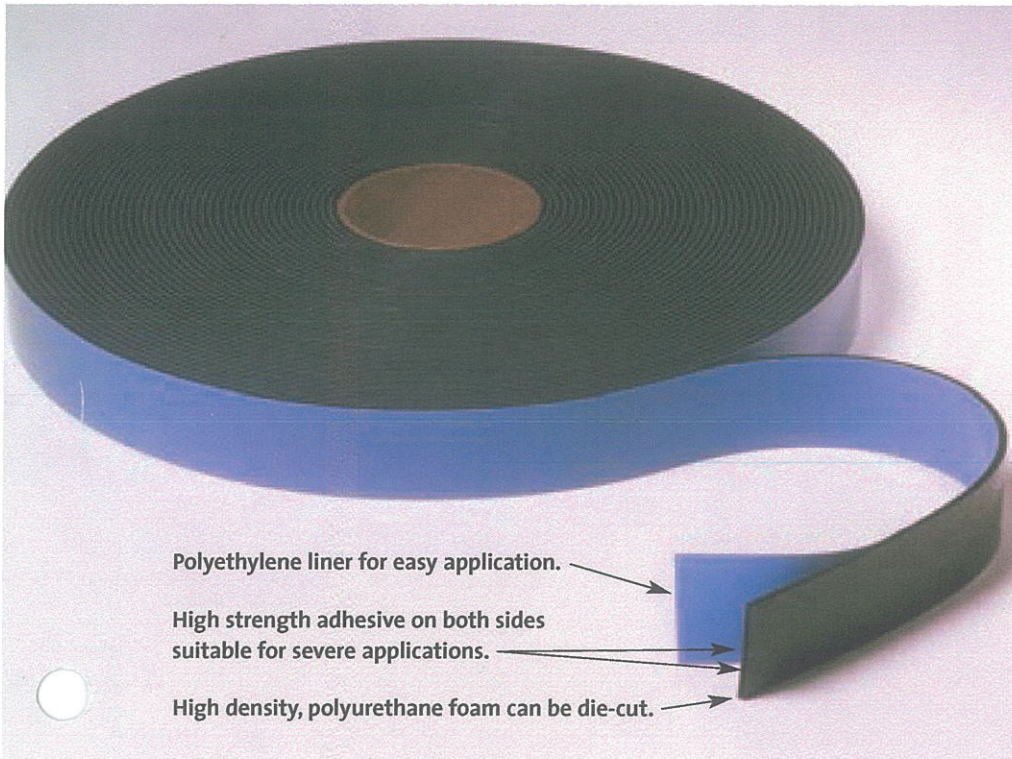
Typical Industrial Bonding Applications

- Vibration Dampeners
- Weatherstripping
- Appliance Handles
- Circuit Board Mounts
- Mirror Mounting (additional support recommended)
- Glass Lamination
- Letters and Signs
- Emblems and Nameplates

Typical Construction Bonding Applications

- Skylights
- Trim and Ornamentation
- Sound Baffles
- HVAC Gasketing
- Kick Panels
- Signs
- Glass Lamination (requiring closed-cell)

** Contact Saint-Gobain Performance Plastics Customer Service Department for a list of compatible materials.



Polyethylene liner for easy application.

High strength adhesive on both sides suitable for severe applications.

High density, polyurethane foam can be die-cut.

Durable, All-Weather Polyurethane Foam Bonding Tape.

Normount® V2000 Provides High-Strength Bond

Normount® V2000 series bonding tapes combine a high density, closed cell polyurethane foam substrate with a high performance acrylic adhesive on both sides.

Normount® foam substrate absorbs vibrations and distributes stress forces over the entire bond line. The closed cell structure also allows the V2000 series to be used as a gasket for applications in severe environments. The high strength adhesive increases its overall capabilities.

Normount® V2000 bonding tapes are your best choice for general interior and exterior bonding applications. This product provides excellent aging properties and environmental resistance against:

- Weathering
- Fungi and oxidation
- UV light
- Extreme temperatures (-30°F to 200°F/-34°C to 93°C)


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Normount® 2000 Typical Physical Properties

Property	Test Method	Value
Density: lbs./cu. ft. (kg/m ³)	ASTM D-1667	31 (497)
Hardness: Shore A	ASTM D-2240	20
180° Peel Adhesion: oz./in. (N/m) 1 hr. dwell	PSTC-3	100 (1,100)
Dynamic Shear Adhesion: PSI (kPa) 24 hr. dwell	NTP*-5	110 (759)
Tensile Strength of Foam: PSI (kPa)	ASTM D-412 Die C	255 (1,759)
Elongation of Foam: %	ASTM D-412 Die C	240
Water Absorption: % of weight	NTP*-36	5
Recommended Service Temp.:	—	30°F to 200°F (-34°C to 93°C)
Recommended Application Temp.:	—	60° F to 125° F (16°C to 52°C)

*NTP is Norton Test Procedure

Parameter values will differ from lot to lot.

For specification writing, contact Saint-Gobain Technical Service Department.

Distributed By:

Normount® is a registered trademark.
Tite-R-Bond™ is a trademark.

Standard Roll Sizes

- Widths: ¼" to 56" (6.35mm to 1.4m)
- 3" ID cores
- Color: Black
- Roll Length: 200 ft. (61m)*

Product Number	Thickness in. (mm)
V2020	.020 (0.5)
V2030	.030 (0.8)
V2045	.045 (1.2)
V2062	.062 (1.6)

Liners

Blue polyethylene liner is standard. Other liners may be available with minimum order requirement. Saint-Gobain Customer Service Department can provide additional information.

Application Guide

Static weight loads should not exceed 0.5 psi (35 gms/cm). Saint-Gobain Performance Plastics recommends testing all products under actual application conditions prior to commercial use. Do not use on fabric, coarse concrete, loose paint, rough wall paper or similar surfaces.

For maximum adhesive performance, prepare the contact surface by removing dust, wax, soap, and oily films with a cleaning solution. A typical cleaning solvent is a 50/50 mixture of isopropyl alcohol and water. It may be necessary to seal and/or prime the contact surface. If added adhesion is desired, Saint-Gobain Performance Plastics recommends use of Tite-R-Bond™ adhesion promoter.

The greater the adhesive-to-surface contact (known as wet out), the better the adhesive bond strength. Apply the tape to the first surface with the liner on, then firmly rub down. Remove the liner just prior to bonding the surfaces together, and apply firm pressure to ensure full contact.

Bond strength is dependent on the substrate surface, application temperature, and dwell time. When possible, allow 24 hours dwell time at room temperature before loading.

* Non-standard roll lengths are available on special order.