

NORMOUNT® Acrylic A3100 Series



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100% Acrylic Assures High Performance Bonding

NORMOUNT® Acrylic A3100 Series is a 100% acrylic polymer with a proven history of long-term, high performance bonding. The unique viscoelastic substrate absorbs vibration and distributes stress forces over the entire bond area. The acrylic adhesive is resistant to UV radiation, high humidity and climate extremes, assuring long-term performance.

Advantages of Using NORMOUNT® Acrylic

NORMOUNT® Acrylic will permit the reduction or elimination of liquid adhesives or mechanical fasteners and the subsequent surface refinishing. No waste and clean up means improved productivity and cost savings as well as improvements in overall product appearance.

Features and Benefits

- All-acrylic construction provides for long-term performance.
- Bonds while creating continuous weather seal to prevent water infiltration.
- Prevents corrosion of dissimilar materials by eliminating the contact between them.
- Compatible with polycarbonate and acrylic plastics.
- Viscoelastic core designed to absorb energy by providing vibration damping properties.

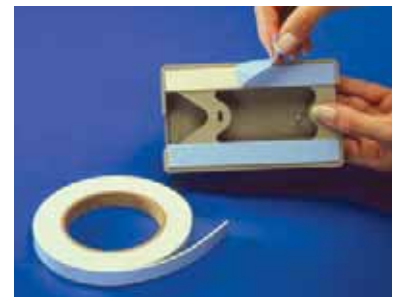
*High Performance
Acrylic Tape Available in
Gray and White*

Unique Attributes

- Gray or white colors
- Conformable acrylic core
- Good performance at elevated temperatures
- Excellent UV resistance
- Joins dissimilar materials

Typical Applications

- Panel stiffeners
- Exterior and interior signage
- Appliance emblems
- Exterior building cladding
- Mounting wire and cable conduit
- Consumer DIY package



NORMOUNT® Acrylic A3100 Series Standard Configurations

Product No.	Color	Thickness in. (mm)	Width in. (mm)	Length ft. (m)
A3108GB	Gray	0.031 (0.8)	35 (900)	108 (33)
A3112GB	Gray	0.045 (1.2)	35 (900)	108 (33)
A3116GB	Gray	0.062 (1.6)	35 (900)	54 (16.5)
A3108WB	White	0.031 (0.8)	31 (800)	108 (33)
A3112WB	White	0.045 (1.2)	31 (800)	108 (33)

Standard Liner: Light blue polyethylene liner is standard on the NORMOUNT® Acrylic Series. Other liners maybe available with a minimum order requirement and upcharge. Contact your Saint-Gobain representative for further information.

Storage: Material should be stored at 70°F (21°C), 50% relative humidity.

Application Guide: Static weight loads should not exceed 1.0 psi. 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 wallpaper or similar surfaces.

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

Please Note: 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.

NORMOUNT® and NORTON® are registered trademarks.
Tite-R-Bond™ is a trademark.



Saint-Gobain Performance Plastics

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Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

NOTE: Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

SPE-5071-5M-0506-SGCS

Typical Physical Properties

Property	Test Method	Value or Rating A3100
90% Peel Adhesion: oz./in. (N/m) 15 min. paint (clear coat) 72 hrs. paint (clear coat) 72 hrs. stainless steel	NTP-9	96 (1062) 112 (1239) 192 (2124)
Dynamic Shear Adhesion: psi (kPa) 24 hrs. al/paint	ASTM D-3163	65 (448)
Static Shear Adhesion: (Holding Power) 1,000 grams/in ² @ 72°F (22°C) @ 158°F (70°C)	ASTM D-3654	Pass Pass
Recommended Service Temperatures:	—	-30°F to 200°F (-35°C to 90°C)
Minimum Recommended Application Temperatures:	—	60°F (15°C)
Temperature Tolerance: (Short Term)	—	300°F (150°C)

NTP is Norton® Test Procedure. Parameter values are not guaranteed and will differ from lot to lot. For specification writing, contact our Technical Service Department.



Need More Adhesion? Stick with Saint-Gobain Tite-R-Bond™ Adhesion Promoters.

Tite-R-Bond™ adhesion promoters are designed to work in conjunction with acrylic, pressure-sensitive adhesive systems (such as those used on NORMOUNT® mounting tapes).

Tite-R-Bond 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.



The Saint-Gobain Family of Bonding Tapes

Our select line of NORMOUNT® high performance bonding tapes is available in a variety of adhesive and foam carrier combinations that efficiently match your assembly and mounting needs.

Call us or your authorized Saint-Gobain distributor to help you select the right tape for your application.

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