*Adhesion Promoters for Use with Pressure-Sensitive Acrylic Adhesives*

# Tite-R-Bond™


*Tite-R-Bond™ provides improved adhesion for use with pressure-sensitive acrylic adhesives.*

## Tite-R-Bond™

Tite-R-Bond™ adhesion promoters are designed to work in conjunction with acrylic pressure-sensitive adhesive systems. When used correctly, Tite-R-Bond™ becomes a thin film on the surface of the material on which it is applied. The film anchors itself onto the material surface. The surface energy of this film is typically higher than the material to which the Tite-R-Bond™ is applied. The higher the surface energy level, the better the bond of the pressure-sensitive adhesive. Tite-R-Bond™ is compatible with Saint-Gobain Performance Plastics' full line of Normount® foam bonding tapes, which utilize an acrylic pressure-sensitive adhesive. There are four standard Tite-R-Bond™ formulations designed for various substrates. Please refer to the chart on page 2 to select the formulation for your application.

## Tite-R-Bond™ Standard Sizes Available

| Size | Amount |
|---|---|
| Pint* | 1 case — consists of 24 pint containers |
| Gallon | 1 case — consists of 4 one-gallon containers |
| 5-Gallon | 1 five-gallon container |
| 55-Gallon | 1 fifty-five gallon container |

* Only formulation #2287A is available in pint containers.

## Features/Benefits:

- Improves bonding where chemical nature of substrate resists adhesion
- Can be used to develop immediate quick-stick, an aid in many applications
- Helps pressure-sensitive adhesive systems cling to irregular or curved surfaces
- Compatible with all Saint-Gobain Performance Plastics' acrylic, pressure-sensitive adhesives used on Normount® polyurethane foam bonding tapes

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## Tite-R-Bond™ Physical Properties

| Formulation Number | Shelf Life (months from date of manufacture) | Recommended Substrate Material | Wet Coating Thickness (inches) |
|---|---|---|---|
| 2287A | 12 | Rigid PVC, ABS Plastic, Polycarbonate, Rigid Polyurethane, Metals & Paints | 0.001-0.008 |
| 2301A** | 12 | Rigid PVC, ABS Plastic, Polycarbonate, Rigid Polyurethane, Metals & Paints | 0.001-0.008 |
| 2684A | 6 | Polyethylene, Polyolefin & Thermoplastic Elastomers | 0.001-0.005 |
| 2933A | 3 | Polyethylene, Polyolefin, Thermoplastic Elastomers, Natural Rubbers & EPDM | 0.001-0.005 |

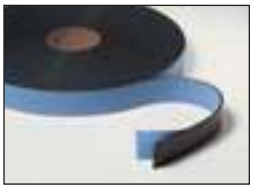
** Tite-R-Bond™ 2301A includes a fluorescent dye for detection under a black light. Note that depending on the color of the substrate, a yellowish residue may be visible under normal light.

NOTE: Recommended storage temperature is 60° - 80°F (15° - 27°C).

## Application Guide

- Tite-R-Bond™ can be used on any material substrate that is not affected by the solvents used in Tite-R-Bond™. Ask your Customer Service Representative for the current (MSDS) Material Safety Data Sheet for information about specific solvents in Tite-R-Bond™.
- The substrate should be free of any dirt, wax or oil. It is recommended that a mixture of 50/50 isopropyl alcohol and water be used to clean the surface before application of Tite-R-Bond™.
- Shake the container well before using. For best results, constant or frequent agitation is recommended.
- Tite-R-Bond™ should be applied in one uniform coat on a clean, dry surface. A clean cloth, applicator bottle, pressurized flow gun, knurled roll or sprayer may be used to apply Tite-R-Bond™.
- Allow Tite-R-Bond™ to dry completely. The primed area should remain free of dust or contaminants. Apply pressure-sensitive adhesive material within one hour after application of the adhesion promoter.
- Final results will vary based on the substrate and the pressure-sensitive adhesive used. Pre-testing of all applications is highly recommended prior to actual commercial use.

## Stick With Normount® Foam Bonding Tapes



Normount® closed-cell polyurethane foam bonding tapes with high-performance acrylic adhesive will provide an aggressive bond in both interior and exterior applications.

## Safety Precautions

- Refer to the Materials Safety Data Sheet for specific medical, disposal and handling information.
- During application, avoid contact by wearing protective gloves, goggles and suitable protective clothing.
- Flammable! Keep away from heat, sparks and open flame.
- Contains regulated chemicals which may cause skin and eye irritation, headaches and nausea. May be harmful if ingested. If contact occurs with skin or eyes, flush with plenty of water for up to 15 minutes and seek medical attention.
- Use in well ventilated areas or use approved respiratory equipment. If person is affected by vapors, move person to fresh air.

## FAQ

**Q.** Can more than one layer of Tite-R-Bond™ be used on a given substrate?

**A.** No. Tite-R-Bond™ is not an adhesive and the interface between the two layers usually causes a weak point.

**Q.** Can pressure-sensitive foam tape be applied while Tite-R-Bond is still wet?

**A.** No. Being wet means the solvents in Tite-R-Bond™ have not evaporated completely. These solvents could alter the adhesive on the tape and weaken its anchoring on the foam.

**Q.** Can Tite-R-Bond™ be used to stop plasticizer migration?

**A.** No. Although there may be a reduction in migration from the plastic to the adhesive, it should not be used for that purpose.



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