

## Saint-Gobain Normount® V4600 Energy-Dissipating High-Performance Polyurethane Foam with Acrylic Adhesive

Category : Polymer , Adhesive , Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Unreinforced

### Material Notes:

**Description:** Ideal for Exterior Mounting Applications: Normount® V2800/V4600 closed-cell foam bonding tapes are highly conformable. The foam substrate allows energy and stress in the joint to be dissipated over the entire bond. With a high-performance acrylic adhesive on both sides, Normount® is an ideal choice for severe exterior bonding applications. The product is durable in all weather conditions, and provides resistance against UV light, extreme temperatures, fungi, oxidation, and ozone. V2800 is a black foam with blue liner. V4600 has a red liner with a gray foam substrate. **Advantages of Using Normount:** Reduces or eliminates the use of mechanical fasteners such as screws and rivets, liquid adhesives, welds and subsequent surface refinishing. Elimination of mechanical fasteners saves times, increases productivity, reduces costs and improves overall product appearance. **Dissipates Vibrations and Stresses:** The foam properties of Normount dissipate vibrations and distribute stress over the entire bond line. Normount's adhesive further enhances its durability. It has been specially formulated to provide improved quick-stick and ultra-high bond strength. **Quick-Stick Speeds Installation:** In a range of applications, including industrial bonding, construction bonding and transportation bonding, Normount speeds installation time and enhances user productivity with its "quick-stick" feature. Acrylic adhesive on both sides ensures maximum contact with the surface and a strong bond. **Compatible With Other Substances:** Normount is compatible with most plastics and painted surfaces tested by Saint-Gobain Performance Plastics. Normount has no VOC (Volatile Organic Compounds) emissions. **Features/Benefits:** Stress distribution reduces pressure points, thereby minimizing distortion. Standard polyethylene liner excels in automated production. High-performance, durable acrylic adhesive provides a strong, long-lasting bond. Conformable, closed-cell polyurethane foam has excellent environmental resistance. Prevents corrosion of dissimilar materials by eliminating the contact between them. Typical applications include the attachment of: Emblems and ornamentation, signs and nameplates, window muntin bars, panel stiffeners, trailer roof bows, weather stripping, body side molding, security glass lamination. All data based on a 1.03 inch test sample. (Available in multiple thicknesses.) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Saint-Gobain-Normount-V4600-Energy-Dissipating-High-Performance-Polyurethane-Foam-with-Acrylic-Adhesive.php](http://www.lookpolymers.com/polymer_Saint-Gobain-Normount-V4600-Energy-Dissipating-High-Performance-Polyurethane-Foam-with-Acrylic-Adhesive.php)

Physical Properties	Metric	English	Comments
Density	0.471 g/cc	0.0170 lb/in <sup>3</sup>	ASTM D1667
Water Absorption	5.0 %	5.0 %	% by weight; NTP-36

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	0.896 MPa	130 psi	ASTM D-412
Elongation at Break	275 %	275 %	ASTM D-412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	93.3 °C	200 °F	

Minimum Service Temperature, Air Thermal Properties	-40.0 Å°C Metric	-40.0 Å°F English	Comments
Descriptive Properties		Value	Comments
Color		Gray	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China