

# V2800 SERIES

**Energy Dissipating, Closed-Cell Polyurethane Foam Substrate with a High-Performance Acrylic Adhesive on Both Sides. For Automotive Wheel Weight Bonding.**

## Ideal for Wheel Weight Bonding

**Norbond**® V2800 Mounting Tape is manufactured by **Saint-Gobain**® Performance Plastics Corporation, Tape Solutions business, and comes with an energy-dissipating, conformable, closed-cell polyurethane foam substrate with a high-performance acrylic adhesive on both sides. **Norbond** is an ideal choice for severe exterior mounting applications, such as wheel weight bonding. The product is durable in all weather conditions, and provides resistance against UV light, extreme temperature, fungi, oxidation and ozone.

## Ideal for a Variety of Automotive Applications

**Norbond** V2800 Bonding Tape is a proven performer around the world for attaching body side mouldings. It is easy to die-cut for emblems, logos and nameplates.

## Advantages of Using Norbond

Reduction or elimination of mechanical fasteners such as screws and rivets, liquid adhesives, welds and subsequent surface refinishing enhances productivity. Elimination of mechanical fasteners saves time, increases productivity, reduces costs and improves overall product appearance.

## Dissipates Vibrations and Stresses

The foam properties of **Norbond** dissipate vibrations and distribute stress over the entire bond line. Normount's adhesive, which further enhances its durability, has been specially formulated to provide an 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, **Norbond** speeds installation time and enhances user productivity with its "quick-stick" feature. Acrylic adhesive on both sides of the tape ensures maximum contact with the surface and a strong bond.

## Compatible with Other Substances

**Norbond** is compatible with polycarbonates, acrylic plastics and most silicones tested by **Saint-Gobain**. **Norbond** is available in black, and has no VOC (Volatile Organic Compound) 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.

## APPLICATIONS

- Emblems and ornamentations
- Signs and nameplates
- Weather stripping
- Body side moulding

Norbond V2800 Series – Properties

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

Thickness (mm) × Length (m):	0.8 × 100 - 1.2 × 61 - 1.6* × 61 - 2.3* × 45
Widths:	6 mm to 1422 mm
Cores:	3"ID
Colour:	Black

\*Not stock items. Please ask for MOQ and lead time.

Property	Value	Test Method
Density (kg/m <sup>3</sup> )	480	ASTM D-1667
180° Peel Adhesion (N/m) 15min. dwell to stainless steel	1181	PSTC-101
Dynamic Shear Adhesion: (kPa), 72hr. dwell stainless	827	NTP-5
Dynamic tensile Adhesion: (kPa), 24hr. dwell aluminium to paint	689	NTP-5
Tensile Strength of Foam (kPa)	896	ASTM D-412
Elongation of Foam (%)	275	ASTM D-412
Water absorption % by weight	5	NTP-36
Recommended Service Temperature:	-40 to 100°C	
Recommended Application Temperature :	Min. 15°C	

NTP: Norton Test Procedure

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. At room temperature approximately 50% of the ultimate strength will be achieved after 20 minutes, 90% after 24 hours and 100% after 72 hours. Bond strength can be accelerated with the exposure of elevated temperatures (eg 66° for one hour).



**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.

**IMPORTANT:** It is the user’s responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to your actions or inactions, including your use, design, fabrication or application of the products into which the materials are incorporated.

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