



# NORBOND™

## V1500 Series

Providing durable, long-lasting security

### Multi Purpose PE foam mounting tape, with high shear rubber adhesive

High tack, high shear rubber adhesive tape offering excellent adhesion performance. The product has been designed for internal applications or where the bond is not exposed to severe UV radiation. NORBOND™ V1500 has been tested to BS7449 1991 & FIRA standard 31 ; further literature is available to indicate recommended tape coverage.

The foam is a high quality Polyolefin with excellent dimensional tolerances and good elongation, with a high degree of colour stability and excellent key to the adhesive surface. The thickness and density range has been chosen to offer a conformable product for uneven, irregular or contoured materials.

The rubber adhesive has very high cohesive strength which produces very high bond strengths and very high load bearing capacity. The solvent based rubber adhesive has good tack and peel performance and in particular a high affinity for low energy surfaces such as PE.

The product is generally available as a white or black double sided tape, in thickness from 0.5 to 3.0 mm, protected by a siliconised glassine paper liner. Single sided products may be available upon request, subject to reasonable MOQs.

### Features & Benefits

- High cohesive strength adhesive giving excellent shear performance
- Conformable PE foam offering high elongation and internal strength
- Provides durability for permanent applications



### Applications

- Interior or protected exterior use
- High load mounting applications
- Approval for BS7449 and FIRA standard 31 for mirror mounting

## NORBOND™ V1500 Series – Properties

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

Colour :	White or black
Liner :	White/ yellow glassine paper. Filmic liner optional
Standard thicknesses :	0.5 to 3.0
Useable width of log :	Minimum 1000mm
Format :	Jumbo logs, logs, slit rolls, spools (bespoke widths and lengths)

Properties	Test Method		Value
Tensile strength, kPa	AFERA 4004	Typical	1200
Elongation at break, %	AFERA 4005	Typical	270
Water absorption, %		Maximum	1
180°C Peel adhesion, N/cm	AFERA 4001	Typical	11
Dynamic shear, N/cm <sup>2</sup>	AFERA 4024	Typical	70
Tensile adhesion, N/cm <sup>2</sup>		Typical	70
Static shear adhesion, 5kg, hours	AFERA 4012	Minimum	5000
Service temperature, °C		Long term	-40 to +50

The product must be stored in its original packaging in a clean, dry, well ventilated area and under these conditions, the shelf life will be a minimum of 12 months.

To promote an adequate bond, the two surfaces must be clean and dry ; cleaning with a mixture of 50/50 water and IPA has been found to be adequate. Low temperatures at the time of application may increase the possibility of condensation on the surface, which will reduce the final bond strength.

The adhesive is pressure sensitive, we therefore recommend the application to be carried out at a minimum of 15°C with as high a pressure as your process allows (a minimum of 1 Bar pressure is recommended).

Norbond™ is a trademark of Saint-Gobain Performance Plastics. V1500 was formerly branded as Norfix®.



### Saint-Gobain Performance Plastics

13 Earlstrees Road  
NN17 4NP Corby, Northants  
Great Britain

Tel: (44) 1536-276-000  
Fax: (44) 1536-203-427

[foams@saint-gobain.com](mailto:foams@saint-gobain.com)  
[www.foams.saint-gobain.eu](http://www.foams.saint-gobain.eu)

The data and details in this document were correct and up-to-date at the time of printing and are intended to provide information on our products and their possible applications. It is the user's responsibility to obtain the latest version of the product data sheet. This data sheet is not a specification and does not assure specific product characteristics or make reference to the suitability of the product for a specific application. Because Saint-Gobain cannot anticipate or control every application, we strongly recommend testing of this product under individual application conditions. The application, use and conversion of this product are the user's responsibility.

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics 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.