

Siliconised paper
or filmic liner

Pressure sensitive
rubber adhesive

Crosslinked PE foam

V1500 SERIES

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 ²	AFERA 4024	Typical	70
Tensile adhesion, N/cm ²		Typical	70
Static shear adhesion, 5kg, hours	AFERA 4012	Minimum	5000
Service temperature, °C		Long Term	-40 to +60

Important Instructions

- 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).



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 misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

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