

Siliconised paper

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 is manufactured by **Saint-Gobain®** Performance Plastics Corporation, Tape Solutions business, and has been intended for internal applications or where the bond is not exposed to severe UV radiation. 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 double-sided tape with 1.0mm thickness, 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

## 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                                                             |
| Liner:                | White glassine paper                                              |
| Standard thicknesses: | 1.0mm                                                             |
| 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 +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).

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