



White glassine paper or filmic liner

Pressure-sensitive acrylic adhesive

Crosslinked PE Foam

T222 SERIES

Multi-purpose polyethylene foam bonding tape, with high tack acrylic adhesive

High tack acrylic adhesive tape offering a good balance of peel and shear performance with excellent resistance. The product has been designed for both internal and external applications where a degree of security is required in the bond.

The foam is a high quality polyolefin with excellent dimensional tolerances and good elongation, with a high degree of color 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 acrylic adhesive has good weathering and chemical resistance properties and is able to offer a solution for moderate shear applications. **Norbond**® T222 offers moderate temperature resistance and shear performance; it is suitable for moderate loading applications.

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 tack, moderate shear acrylic adhesive
- Conformable PE foam offering high elongation and internal strength
- High performing general bonding tape.



APPLICATIONS

- Interior or exterior use
- General purpose mounting and bonding applications
- High adhesion to a wide range of plastic surfaces

Norbond T222 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 / black
Liner:	White glassine paper. Filmic liner optional.
Standard thicknesses:	0.5 to 3.0 mm
Useable width of log:	Minimum 1000mm
Format:	Logs, jumbo logs, slit rolls, spools (bespoke widths and lengths)

Property	Test Method		Value
Tensile strength, MPa	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, 1kg, hours	AFERA 4012	Minimum	100
Service temperature, °C		Long term	-40 to +70

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).



SAINT-GOBAIN

Saint-Gobain Tape Solutions

North America | South America | Europe | Asia

For a full list of locations, please visit tapesolutions.saint-gobain.com/contact-us

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.

WARRANTY: For a period of 6 months, Saint-Gobain warrants this product(s) to be free from defects in manufacturing. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Form #1350EU | © Saint-Gobain September 2020 | **Norbond** and **Saint-Gobain** are trademarks of Saint-Gobain.