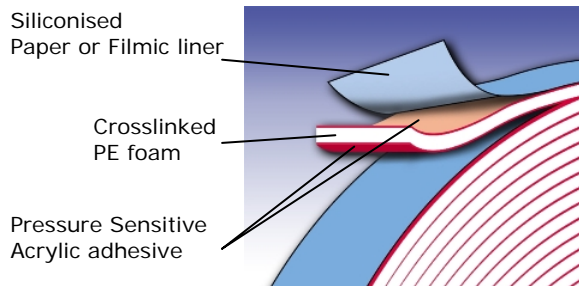


Norfix® V1600



Norfix® V1600

High performing acrylic adhesive tape providing high final strength, excellent adhesion and shear performance with good resistance to temperatures, chemicals and aging. The product has been designed for both internal and external permanent applications on a wide range of surfaces.

The foam is a high quality Polyolefin with excellent dimensional tolerances and good elongation, 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. Higher density versions are available to offer higher internal strength, shear performance and temperature resistance.

The acrylic adhesive combines excellent tack and peel performance with good shear for high loading. Norfix® V1600 has a high adhesive coatweight which allows good initial adhesion levels and excellent maximum adhesion after a dwell period of up to 24 hours. The adhesive offers high resistance to many chemicals and solvents and has a wide service temperature range even when loaded.

The product is generally available as both black and white double sided tape in thickness from 0.5mm to 3.0mm, protected by a siliconised PE coated paper or filmic liner. Single sided products may be available upon request subject to reasonable MOQ's

Combined tack and shear PE mounting tape with acrylic adhesive

Features / Benefits

- Acrylic adhesive provides excellent shear whilst maintaining good tack performance
- Conformable PE foam offering high elongation and internal strength
- Developed to provide wide range of performance characteristics

Applications

- Designed to suit wide range of surfaces and applications
- High load mounting — approved to BS7449 for mirror mounting
- High temperature range



Norfix® V1600 - Typical Properties

Colour: White/Black
 Liner: White PE coated paper / Filmic liner
 Format: Jumbo logs/Logs/Slit rolls (Bespoke widths and lengths)
 Useful width of log: Minimum 1000mm

Properties	Test Method		Standard density 0.8mm	High density 0.8mm
Thickness, mm	AFERA 4006		0.8mm	0.8mm
Tensile Strength KPa	AFERA 4004	Typical	1200	3800
Elongation at Break %	AFERA 4005	Typical	270	370
Water Absorption %		Maximum	1	1
180° Peel Adhesion N/cm	AFERA 4001	Typical	11	9
Dynamic Shear N/cm ²	AFERA 4024	Typical	70	95
Tensile Adhesion N/cm ²		Typical	70	100
Static Shear Adhesion 2kg Hours	AFERA 4012	Minimum	75	100
Service Temperature °C		Long Term	-40 to +80	-40 to +90

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)

Norfix® is a registered trademark

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

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www.norfix.saint-gobain.com
 www.norglaze.saint-gobain.com