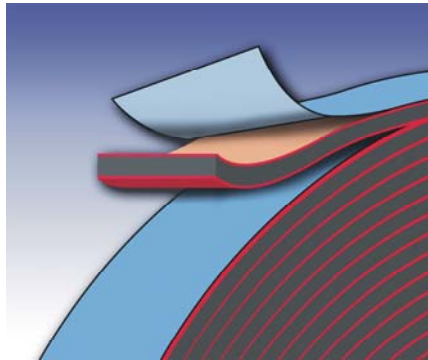


NORFIX[®] V1600

Product Data Sheet

Norfix[®] V1600 is a double sided adhesive tape incorporating a white closed cell cross linked polyethylene foam with a high performance durable acrylic adhesive on both surfaces, protected by a siliconised paper liner.

V1600 has been developed for exterior use in applications requiring a combination of good tack and excellent bond strength. V1600 products have excellent weathering and plasticiser resistance properties and exhibit good bond strength to surfaces including glass, plastics and automotive paints. The PE foam is available in a wide range of thickness and density variations in order to offer conformable products suitable for uneven, irregular or contoured materials. The product is ideally suited for applications where two very dissimilar materials need to be bonded together.



TYPICAL PROPERTIES – based on 0.8mm HD material

Foam Thickness	mm	Range	0.5mm – 3.0mm	AFERA 4006
Tensile strength	KPa	Typical	3800	AFERA 4004
Elongation @ break	%	Typical	370	AFERA 4005
Water absorption	%	Maximum	1	
180° Peel Adhesion	N/cm	Typical	9	AFERA 4001
Dynamic Shear	N/cm ²	Typical	95	AFERA 4024
Tensile adhesion	N/cm ²	Typical	100	
Static shear adhesion 2Kg	Hours	Minimum	100	AFERA 4012
Service Temperature	°C	Long Term	-40 - + 90	

The product must be stored 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 adequate. Low temperatures at the time of application may increase the possibility of condensation on the surface, which will reduce the 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 1Bar pressure is recommended).

The standard thicknesses are 0.8, 1.0, 1.5, 2.0 and 3.0mm, other colours and liners are available if required.

The details contained within this leaflet were correct and up-to-date at the time of printing and are intended to provide information of our products and their possible applications. This is not intended as a specification and does not assure specific product characteristics or make reference to the suitability of the products for a definite application. Saint-Gobain cannot anticipate or control every application, therefore, we strongly recommend testing of this product under individual conditions. 06/2004