

TECHNICAL DATA SHEET



TDS No:	036	Issue No:	1
Issue Date:	23/09/14		
Revision Date:	14/07/16		
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PRODUCT

NovaFoam 101BPL

Product Description.

General purpose acrylic adhesive tape providing excellent tack and peel performance, with good environmental 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, 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 acrylic adhesive combines excellent tack and peel performance and has been chosen to offer a high degree of adhesion to a wide range of surfaces. NovaFoam 101 BPL will offer good temperature resistance and moderate shear performance.

The product is available as a white double sided tape in thickness from 0.5mm to 2.0mm, protected by a siliconised glassine paper liner.

Features/Benefits

- U.V. resistant acrylic adhesive
- Particularly suitable for die cutting purposes

Applications

- Interior or exterior use
- General purpose bonding applications
- Good adhesion to wide range of rigid plastic surfaces

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Typical Properties

Parameter	Specification
Product	Double-Coated PE Foam Tape
Colour	White foam
Liner	Blue HDPE film 0.08mm
Format	Jumbo logs/logs/slit rolls (bespoke widths and lengths)
Useful Width of Log	Minimum 1000mm
Carrier	Closed cell PE Foam, 48kg/m ³
Adhesive	High performance solvent acrylic, pressure sensitive
Description	This pressure sensitive mounting tape with solvent acrylic adhesive is suitable for interior as well as exterior applications and combines high initial tack with good adhesion and moderate cohesion. Suitable for use on fairly uneven surfaces.
Range of application	Interior / exterior trims
Application temperature	18°C - 25°C
Thickness, mm	1.0mm
Tensile Strength kPa	675
Elongation at Break %	175
Water Absorption %	1 (max)
180° Peel Adhesion N/25mm	>14.6
Dynamic Shear N/cm ²	30
Tensile Adhesion N/cm ²	35 (typical)
Static Shear Adhesion 1kg Hours	10 (min)
Service Temperature °C	-20 to +80 (long term)

Prior to application the surface should be made dry and free of any dirt, dust and grease. Use sufficient pressure over the whole surface at room temperature to ensure maximum adhesive contact.

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