

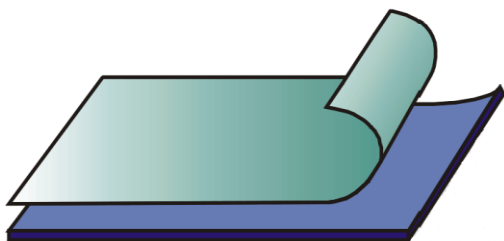
TECHNICAL DATA SHEET

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PRODUCT	NovaBond SignFix - LSE 80 Bonding Tape			

Product Description

The NovaBond SignFix LSE psa system is designed specifically for demanding and critical applications to low energy surfaces and has extremely high tack combined with good shear and temperature resistance. In 800micron thickness, it is also ideal for rough, uneven and structured surfaces, including powder coats, lacquered painted surfaces and most plastics. In addition, the elastomeric nature of the psa film offers excellent sealing, dampening and vibration absorption capabilities, ensuring that bonded joints remain permanently secure, even in external and other environments that may be considered harsh.

Product Specification



Liner

Silicon coated PET film, 75micron.
Colour: Transparent

Adhesive

Modified adhesive based on acrylate,
coating weight : 800 g/m²
Colour: Transparent

High tack, highly modified, permanent bonding adhesive, for low energy surfaces.

Total Thickness 0.8 mm
(excluding liner).

Product Data

Adhesion

According to AFERA 5001

Glass 37N/25mm
Steel 39 N/25mm
PVC 30N/25mm
PP 26N/25mm
PE 15N/25mm
PMMA 34N/25mm

Cohesion

According to AFERA 5012

20° 30N/625mm²
70° 10N/625mm²

Temperature Resistance: from - 40°C to + 120°C (long term) 150°C+ (short term).


According to ISTM D3654.

Method: area of 6.25cm² with 1kg load @1000c for 10 000 minutes.

Result: No change.

Key Characteristics:

- Very high initial tack.
- Good sheer, high cohesive mass.
- Excellent clarity.
- Resistance to environmental factors, ideal for plastics and external applications.

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Storage

This product should be stored in ambient temperatures of around 20C, avoiding wide temperature fluctuations and direct sunlight. The storage environment should have a relative humidity of approx. 50%. In ideal storage conditions, the shelf life for this material should be approx. 12 months from the delivery date. Within this period, no major deterioration or alteration of the products performance characteristic will occur.

The values presented in this document have been determined by standard test methods and are average values that should not be used for specification purposes. Our recommendations regarding the use of our products are based on tests considered by INNOVA SOLUTIONS to be reliable, but the customer must conduct his own tests to determine the suitability of the product to the individuals' application and requirements. INNOVA SOLUTIONS do not accept responsibility or liability, directly or consequentially, for loss or damage caused as a result of our recommendations.

For any other advice or on-site consultation, please contact us via our details below or go to our online demonstration video at: - <http://bit.ly/novabond>

<http://www.innovasolutionsonline.co.uk/>
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