

# Data Sheet

Product  
Reference

**HDP & HDF (1mm)**

A special enhanced strength closed-cell PE foam, coated on both sides with a very high performance crosslinked pure acrylic adhesive, and protected by our production aid film liner or a paper release liner.

## Key Features:

- Good gap-filling between slightly uneven materials**
- Very high shear strength, even at high temperatures**
- Improved tack, adhesion and dynamic strength**
- Excellent resistance to water, solvents and plasticisers**
- Excellent resistance to UV light and outdoor ageing**
- Good adhesion to metals, glass, PVC, most paints**
- Compatible with polycarbonate and acrylic**
- Easy positioning with production aid liner**

## Limitations:

Like all pure acrylic adhesives, HDP and HDF require smooth clean surfaces, warmth and firm pressure for best results, and the full bond strength may take several hours to develop. It will not bond well to low surface energy materials.

## Technical details:

<b>Thickness</b>	<b>1</b>	<b>mm</b>
<b>Peel Adhesion @ 23°C</b>	<b>18*</b>	<b>N/25mm * Foam</b>
<b>Peel Adhesion @ 70°C</b>		<b>N/25mm tears</b>
<b>Shear (AFERA) @ 23°C</b>	<b>40</b>	<b>N/625mm2</b>
<b>Shear (AFERA) @ 70°C</b>	<b>20</b>	<b>N/625mm2</b>
<b>Shear (PSTC) @ 23°C</b>	<b>1000</b>	<b>Hours</b>
<b>Shear (PSTC) @ 70°C</b>	<b>100</b>	<b>Hours</b>
<b>Temperature Range</b>	<b>-40 to + 100</b>	<b>°C</b>
<b>Min. Application Temp.</b>	<b>+10</b>	<b>°C</b>

## Availability:

Available with an easy release paper liner (HDP) or film liner (HDF)  
Roll widths from 6mm to 1350mm.  
Roll lengths normally 50m or 100m; for other lengths please enquire.  
Pads, sheets and die-cut shapes: please call to discuss your requirements.

Date: 26/06/2000

*Our technical advice is offered in good faith but without warranty. The user is responsible for testing the product under his own conditions of use and assuring himself that it is suitable for his particular purpose. This technical data was obtained under specific laboratory conditions, and should not be used for specification purposes without prior consultation with us.*

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