

# H1002 – Technical Data Sheet



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## Description

**H1002** is a high-performance, very flexible, clear hot melt glue stick. It has been specifically designed for bonding to more difficult surfaces or where a flexible high tack bond is required.

**H1002** has good flow characteristics and aggressive tack and high UV light stability.

## Typical Uses

Typical uses include:

- packaging and difficult surfaces applications within the food packaging industry;
- printing;
- furniture;
- product assembly markets.

**H1002** has been found suitable for bonding materials such as paper and board, timber, hardboard, foams, ABS, Perspex, aluminium, and other porous and non-porous materials.

## Physical Properties

<b>Base</b>	EVA copolymer
<b>Colour</b>	Clear / translucent
<b>Viscosity @200°C in poise</b>	160 poise Brookfield RVT Thermosel
<b>Softening Point in °C</b>	80°C (Ring & Ball)
<b>Heat Resistance</b>	-25 to +65°C
<b>Working Temp</b>	150-210°C
<b>Open time</b>	Up to 60 seconds (depending on amount applied and application temperature)
<b>Max storage temp</b>	30°C
<b>Flash point</b>	>250°C

## Precautions

**H1002** is acceptable under Section 175.105 of the USA FDA regulations for use as a food packaging adhesive.

**H1002** also meets the requirements of U.K. Ministry of Defence Standard 80-167 Issue 1 (replaces 10155): Adhesive, Hot melt for packaging purposes.

**Please consult the H1002 Health & Safety Data Sheet for statutory regulation information.**

Information relating to the products of Bondrite Adhesive Limited is based on tests carried out under laboratory conditions. If any of our products are not used in accordance with our instructions or are used under conditions which vary from our laboratory, they may not perform in accordance with any information provided and Bondrite shall not have any liability in this case. Bondrite will accordingly provide samples of our products, on request and free of charge, for Customers to carry out their own tests as to suitability of our product for their purposes and as used in their intended environment.

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