

Hot Melt Glue

Venus Hot Melt Glues are not solvent based and are odourless so will not taint foods or packaged items. They are composed of a basic polymer such as EVA (ethyl vinyl alcohol), PP, ethylene or polyamide mixed with a natural or oil derived tackifier resin. Paraffin or polythene wax is used as a viscosity modifier. Other ingredients include antioxidants to stabilise colour, rubber to increase resilience and reduce brittleness. Plasticisers and oils are also used to extend the open time.

Fast Packaging Glues

Fast packaging glues are fast setting with easy flow and a crisp bond due to their high wax content.



9010

Medium viscosity, fast setting and resistant to shrink tunnel temperatures makes 9010 perfect for carton sealing. High molten tack reduces the chance of a carton popping open. Basic polymer EVA (ethyl vinyl alcohol). Application temperature is 160 to 200°C and temperature resistance is 70°C.



9015

Economy grade EVA polymer base glue for applications where a fast bond is required. Ideal for paperboard, wood, fabrics, and polystyrene. High viscosity prevents excessive penetration of glue into porous surfaces. Can also be used as a general purpose glue. Application temperature is 160 to 200°C and temperature resistance is 70°C.

General Purpose or Assembly Line Glues

General purpose glues are economical glues formulated for bonding a wide range of materials.



9020

High viscosity makes 9020 effective on porous materials. Provides an excellent bond on softwoods, hardwoods and a wide range of materials including fabrics, ceramics, leather, polystyrene and some plastics (not polyolefins like PE and PP). High heat resistance. EVA polymer based. Application temperature is 160 to 200°C and temperature resistance is 70°C.



9025

Translucent white low melt glue that flows at 1340°C. Suitable for the Venus VH43AA low temperature glue gun. Very fast setting and ideal for heat sensitive surfaces including balloons, polystyrene, paper, fabrics, films and dried flowers. EVA polymer based. Application temperature is 120 to 140°C and temperature resistance is 60°C.



9040

Clear and flexible with 45 seconds open time and good heat resistance. A better quality version of Venus 9020 with lower viscosity, better flow and closer, tighter joint line. Ideal for hobbyists, florists, assembly of vertical blinds and lampshades etc. Application temperature is 160 to 200°C and temperature resistance is 67°C.

Special purpose glues



9060

An EVA polymer with a unique rubber base creates an extremely shock resistant, resilient, rubber-like bond. 9060 works on the most difficult surfaces including most polyethylene and PP plastics, acrylics, ceramics, glass, metals, fibreglass and hardboard. Application 160 to 205°C and temperature resistance is 70°C.

HE77

Used by hairdressers to apply hair extensions. Withstands washing, shampoos, conditioners, hair dyes and hair dryer temperatures. It is removed by applying an acetone solution. Packed 5 sticks to a nitrogen filled aluminium foil bag, then 4 packs to an outer resealable aluminium bag. Application temperature is 215°C and temperature resistance is 135°C.



342 and 246

Special purpose hotmelt glue designed for the Venus Gas Glue 600. These 12mm diameter glue sticks are available in various lengths. The 342 glue is a fast setting, high viscosity, white adhesive that is suitable for heavy duty carton board & cable attachment. The 246 glue is a high performance adhesive for painted, varnished and other smooth surfaces.

Peelable glues

Peelable glues are a low tack adhesive that easily peels off the surface that it bonds with, often used to stick credit cards or gift cards to paper.

210

A peelable hotmelt glue in a stick. A semi-pressure sensitive (peelable) glue used to attach credit cards, labels and promotional items. The item is easily removed, then the adhesive peels off cleanly. Used in the Venus VH43AA or any glue gun that uses 12mm diameter glue sticks. Application temperature is 130 to 195°C and temperature resistance is -30 to 120°C.



802PL

An extremely high quality peelable glue that is completely stain free, providing a strong bond that can be peeled away when required without damaging the item bonded or leaving a residual stain mark. Application temperature is 160 to 180°C.

Hot Melt Terminology

Viscosity : The liquidity of the adhesive in its hot state, quoted in centipoise (CPS). the lower the CPS value the thinner the liquid. water has a value of 1 CPS.

Open time : The maximum working time before the adhesive cools to a point at which only marginal bonding can take place. Varies according to application conditions including ambient and substrate temperature.

Temperature resistance : Resistance of the bond to heat and cold. Important to electronic component assembly and deep freeze packaging.

Size guide

Please see the size guide below for more information.

CODE	TYPE	SIZE	OPEN TIME	VISCOSITY @ 200°C and 160°C	SUITS GLUE GUN	COLOUR	KG/ BOX	APPROX. STICKS PER KG
MG0511	9010T	43 x 40mm	10-20 sec	2800 8350	VH58A, VH61, VH63	LIGHT BROWN	10kg	17
MG0514	9010/12	12 x 300mm	10-20 sec	2800 8350	VH57, 56, 46, 800	LIGHT BROWN	5kg	34
MG0519	9015/12	12 x 200mm	10-20 sec	1700 1900	VH57, 56, 46, 800	CLEAR	2kg bag	50
MG0519	9015/12	12 x 200mm	10-20 sec	1700 1900	VH57, 56, 46, 800	CLEAR	10kg carton	50
MG0521	9020T	43 x 40mm	20-30 sec	4450 14000	VH58A, VH61, VH63	BROWN	10kg	17
M0525	9020/12	12 x 300mm	20-30 sec	4450 14000	VH57, 56, 46, 800	BROWN	5kg	34
MG0530	9025/12	12 x 300mm	10 sec	1900 (160°C) 7100 (120°C)	VH43AA	CLEAR	5kg	34
MG0541	9040/T	43 x 40mm	40-50 sec	2875 8325	VH58A, VH61, VH63	CLEAR	10kg	17
MG0544	9040/12	12 x 300mm	40-50 sec	2875 8325	VH57, 56, 46, 800	CLEAR	5kg	34
MG0561	9060/T	43 x 40mm	60-70 sec	3920 11650	VH58A, VH61, VH63	LIGHT BROWN	5kg	17
MG0564	9060/12	12 x 300mm	60-70 sec	3920 11650	VH57, 56, 46, 800	LIGHT BROWN	5kg	34

TECHNICAL INFORMATION

CODE	TYPE	SIZE	OPEN TIME	VISCOSITY @ 200°C and 160°C	SUITS GLUE GUN	COLOUR	KG/ BOX	APPROX. STICKS PER KG
MG0534	342/12	12 x 250mm	Very short	High	VH600	WHITE	5kg	N/A
MG0546	246/12	12 x 180mm	Medium	High	VH600	BLACK	5kg	N/A
MG0548	48/12	12 x 200mm	N/A	N/A	VH600	WHITE	5kg	N/A
MG0596	210	12 x 200mm	Very short	6000 (180°C)	VH43AA, 57, 56, 46, 800	OFF WHITE	5kg	50
MG0597	802PL	PILLOW	N/A	11000 (160°C) 4600 (180°C)	VH8200, VH66B, VH66S	CLEAR	15kg	N/A
MG0501	VH-HE777/12	12 x 120mm SEALED IN NITROGEN FILLED FOIL BAG		950	VH46	5 STICKS PER PACK 4 PACKS/BAG 25 BAGS/CARTON		