

Hot Melt Glue Selection Guide

Because Venus Hot Melt Glues are not solvent based they are friendly to the environment. They will not taint foods or other packaged items and there is no wastage and no glue odours when set.

Hot Melt Formulation

Venus Hot Melt Glues 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 ANTI-OXIDANTS to stabilise the colour, RUBBER to increase resilience and reduce brittleness, PLASTICISERS and OILS to extend the open time.

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.

Polyamide Glues: High performance. Excellent chemical and temperature resistance.



Bulk pillows 2507FS and 2947FS.

HE77 Hair extension adhesive.

Peelable blocks. 2169 and 3312.

43mm diam. glue sticks.

Bulk beads 2014 and bulk slats. 2427.

12mm diam. glue sticks.

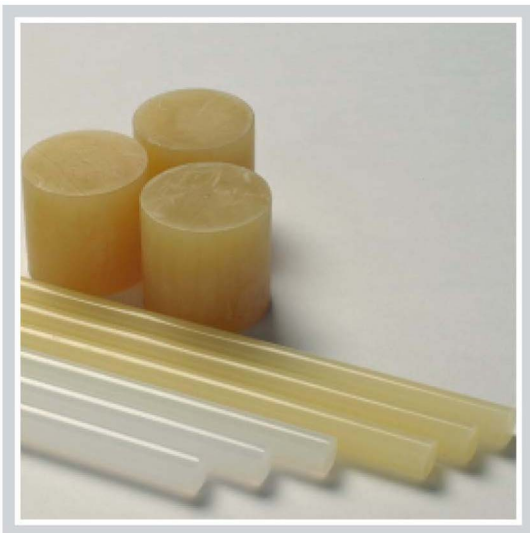
Product No.	Features and Uses	Colour	Open time: Sec.	Viscosity CPS 200°C and 180°C	App. temp. °C	Temp. resist. °C	Sizes: dia. x length mm	Sticks per kg approx.
Fast Packaging Glues								
Fast setting, medium viscosity, easy flow, reasonable heat resistance and crisp bond due to high wax content.								
9010	Medium viscosity, fast setting and resistance to shrink tunnel temperatures makes 9010 perfect for carton sealing. High molten tack reduces the chance of a carton popping open. Basic polymer is EVA (Ethyl Vinyl Alcohol).	Light brown	15	2800 8350	160 to 200	70	12x300 43x40	34 17
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.	Clear	15	1900 1700	160 to 200	70	12x200	50
General Purpose or Assembly Line Glues								
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.	Brown	45	4450 14000	160 to 200	70	12x100 12x300 43x40	56 50, 34 17
9025	Translucent white low melt glue that flows at 130°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.	Transp. white	10	1900 (160°C) 7100 (120°C)	120 to 140	60	12x200	50
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.	Clear	45	2875 8325	160 to 200	67	12x100 12x300 43x50	65 34 17
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.	Light brown	40	3920 11650	160 to 205	70	12x300 43x40	34 17
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.	Transp. amber	Short	950	215	135	12x120	40
Peelable Glues								
2507FS	Semi-pressure sensitive (peelable). Used to attach credit cards, labels and promotional items. Low peel strength allows items and adhesive to peel off cleanly. Also used to form a non-slip surface for pallet stabilisation. Used in Venus VH66B (bead) and VH66S (spray) reservoir guns.	Water white	Short	950	160 to 180	85	Pillows	10kg carton
210	Unique! 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 diam. glue sticks.	Off white	Very short	6000 (180)	130 to 195	-30 to 120	12x200	50
2169	Used in the Venus VH8200 Peelable Adhesive Dispenser. Provides a temporary bond and clean removal for credit cards, samples and labels. One kg produces 20,000 dots of 9mm diam. Saves up to 80% over pre-formed dots and systems that apply strips.	White clear	Short	1650	130	N/A	500g block	26 per carton
3312	Peelable adhesive used in the Venus VH8200 Peelable Adhesive Dispenser and VR5 Bulk Adhesive Dispenser for attaching promotional samples, labels and cards that need to be removed easily and cleanly. Also used for pallet stabilisation.	Pale amber	Perm.	3210	150 to 170	75	542g block	26 per carton
Bulk Glue Beads								
2014	Fast setting with high molten tack. Gives a tough, flexible bond that withstands high stresses and is suitable for wide temperature extremes from deep freeze (-30C) to shrink tunnels, microwaves and high ambient temperatures.	Pale amber	20-30	1785	150 to 170	94	Beads	20kg bag
2427	A general purpose product assembly glue. Low viscosity, medium open time and excellent adhesion makes 2427 suitable for bonding a wide variety of materials including most plastics, metals, boards and textiles.	Pale amber	Medium	2065 (180)	180	77	Slats	20kg bag
Spray Glues								
Polymer based glues with added plasticisers and oils to soften the polymer and extend the open time.								
9062	Used for pallet stabilisation to hold together fibreboard cartons and PP sacks and packs that need to be moved and then pulled apart without damaging the graphics. Low plasticiser and tackifier content provide best flow and high output.	Light brown	60	2650 7500	169 to 190	80	43x50	15
9180	A very slow setting time of 3 minutes makes 9180 suitable for intricate assembly and accurate positioning. Used in automotive applications such as sound deadening foam and carpet installation and for bonding upholstery, foams and fabrics.	Brown	180	5500 15000	200	75	43x50	15
9480	An extremely slow setting time of 8 minutes makes 9480 the most suitable glue to use for intricate assembly where accurate re-positioning might be required. The high tackifier and plasticiser content creates a tough, shock resistant bond.	Light brown	480	7300 10700 (180°C)	200	75	43x50	15
410	Specifically made for Venus spray glue guns. Particularly suitable for pallet stabilisation. The low bond strength prevents cartons or sacks slipping around but will fail before the carton or sack tears. Also used for light duty expanded polystyrene assembly and position fixing.	Light brown	Up to 60	3500 (180)	180 to 195	125	43x43	17
420	Used for bonding heat sensitive foams, bubble film, cotton backed vinyl and many other fabrics. Eco-friendly and odourless; used in mattress and upholstery manufacture where solvent or water based contact adhesives are not best suited due to toxicity, flammability, odour and mould.	Pale amber	Upto 180	4500 (180)	180 to 195	90	43x43	17
2947FS	Fully pressure sensitive (permanently tacky). Eco-friendly and odourless. Used in mattress and upholstery manufacture where solvent or water based glues are not best suited due to toxicity, flammability, odour and mould. Used in Venus VH66S spray reservoir gun.	Amber	Perm.	5000 (180)	160 to 180	88	Pillows	10kg carton



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WARNING: All data in this brochure is provided as a guide only and should not be used in writing specifications. Purchasers should test any product offered herein to determine suitability for their particular purpose.



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HOT MELT GLUE BUYER'S GUIDE

Glue

CODE	TYPE	SIZE	OPEN TIME	SUITS GLUE GUN	COLOUR	WGT/BOX
MG0511	9010T	43 X 40MM	10-20 SEC	VH58/A, VH61, VH63	LIGHT BROWN	10KG
MG0514	9010/12	12 X 300MM	10-20 SEC	VH40, 48, 53, 56, 501	LIGHT BROWN	5KG
MG0519	9015/12	12 X 200MM	10-20 SEC	VH40, 48, 53, 56, 501	CLEAR	2KG BAG
MG0519	9015/12	12 X 200MM	10-20 SEC	VH40, 48, 53, 56, 501	CLEAR	10KG CTN
MG0521	9020T	43 X 40MM	20-30 SEC	VH58/A, VH61, VH63	BROWN	10KG
MG0525	9020/12	12 X 300MM	20-30 SEC	VH40, 48, 53, 56, 501	BROWN	5KG
MG0530	9025/12	12 X 300MM	10S	ECVH43		5KG
MG0541	9040/T	43 X 40MM	40-50 SEC	VH58/A, VH61, VH63	CLEAR	10KG
MG0544	9040/12	12 X 300MM	40-50 SEC	VH40, 48, 53, 56, 501	CLEAR	5KG
MG0561	9060/T	43 X 40MM	60-70 SEC	VH58/A, VH61, VH63	LIGHT BROWN	5 & 10KG
MG0564	9060/12	12 X 300MM	60-70 SEC	VH40, 48, 53, 56, 501	LIGHT BROWN	5KG
MG0566	9060/20/60	20 X 60MM	60-70 SEC	VH49	LIGHT BROWN	10KG
MG0567	9062	43 X 40MM	60 SEC	VH42S		10KG
MG0534	342/12	12 X 250MM		VH600	WHITE	5KG
MG0546	246/12	12 X 180MM		VH600	BLACK	5KG
MG0548	48/12	12 X 200MM		VH600	WHITE	5KG
MG0580	9180	43 X 40MM	180 SEC	VH42S		10KG
MG0582	9480	43 X 40MM	480 SEC	VH42S		10KG
MG0570	9010/20/60	20 X 60MM	10-15 SEC	VH49	LIGHT BRN	10KG
MG0579	9901/T Polyamide Glue	43 X 40MM	15 SEC	VH58/A, VH61, VH63		11-35KG
MG0591	2507FS	PILLOW		VH66B, 66S	CLEAR	10KG
MG0595	2947FS	PILLOW		VH66B, 66S	AMBER	10KG
MG0593	2169/BK Peelable	.5KG BLOCK		VH8200		13KG
MG0594	9018/2427BK	20KG BAG, BEAD TYPE			LIGHT BROWN	20KG
MG0592	2014/BLK	20KG BAG, BEAD TYPE	20-30 SEC	VR5		20KG
MG0501	VH-HE77/12	12 X 120MM SEALED IN NITROGEN FILLED FOIL BAG		VH46		5 STICKS/PACK 4 PACKS/BAG 25 BAGS/CARTON

GLUE GUN ACCESSORIES & NOZZLES

CODE	TYPE	DESCRIPTION	SUITS GLUE GUN
MG2505	J	MEDIUM NOZZLE: TWO HOLES	VH58/A
MG2506	K	MEDIUM NOZZLE: THREE HOLES	VH58/A
MG2507	L	LONG NOZZLE: FLAT (SPREADER)	VH58/A
MG2508	M	LONG NOZZLE: SINGLE HOLE 1/16" DIA.	VH58/A
MG2509	N	LONG NOZZLE: SINGLE HOLE 1/8" DIA.	VH58/A
DS3031	VH3031	BALANCER - TO SUIT MOST LIGHT WEIGHT PRODUCTS - TRAVEL 0 - 1.4M: WEIGHT 400GRM - 5.5KG.	
MG2800	-	HEAVY DUTY RUBBER DRIP MATS 7 1/4" X 7 1/4"	