

Venus[®]
BRAND

Undeclared

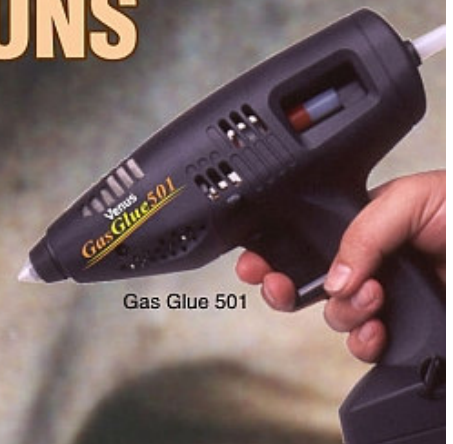
**THE
ULTIMATE
GUIDE**

**CARTON SEALING
HOT MELT GLUE GUNS
AND GLUES**

2009 Update



VH209A MkIII



Gas Glue 501

Uniform size
Side belt



Venus VH209E

This side belt machine has two direct shaft drive motors: one for each belt. It comes complete with large fore and aft roller bed extensions and lockable castor wheels. Hand adjustable upper guide rollers provide extra carton stability and the taping carriage guide column has a handy carton height scale.

Venus VH209A MkIII

Removable infeed and outfeed roller extensions are a standard feature of this heavy duty sealer. The closely spaced rollers ensure steady and stable travel of small cartons while 4 special "press" rollers guide heavy cartons smoothly through the machine. The tape head height and drive belt spacing are quickly adjustable to suit the carton size. The drive belt tension is also easily adjustable by the operator. Simple press button controls. Adjustable height legs. Lockable castoring wheels. Carton size min: (LxWxH) 120mm x 110mm x 120mm. Carton size max: (LxWxH) Unlimited x 500mm x 500mm. Machine size: (LxWxH) 1713mm x 854mm x 1350mm. Speed: 23 metres per minute. Tape widths: 38mm, 50mm and 75mm. Power supply: 240v single phase.



Uniform size
Side belt

VH209A MkIII

Venus VH209TBA MkIII

Simple press button controls. Top and bottom driving belts and closely spaced rollers ensure cartons travel smoothly. The tape head height and side guides easily adjust to the carton size. Carton size min: (LxWxH) 120mm x 150mm x 120mm. Carton size max: (LxWxH) Unlimited x 500mm x 500mm. Machine size: (LxWxH) 1637mm x 754mm x 1375mm. Speed: 23 metres per min. Tape widths: 38mm, 50mm and 75mm. Adjustable height legs. Lockable castoring wheels. Power: 240v single phase. Removable roller extensions included.

Uniform size
Top & bottom belt



VH209TBA MkIII

with Flap Closer



VH212SB/K

Uniform size
Side belt

Random size
Side belt



VH210A

Venus VH210A

Minimum carton height 100mm. The side belt drives and top sealing head automatically adjust to carton sizes from only 100mm wide x 100mm high and up to 500mm wide x 500mm high. (600mm high by re-positioning the guide columns). Air supply: 101.5 psi max. Emergency stop button.

Venus VH212SB

Simply set the side belt drives and tape head to the carton size and the machine does the rest. The upper roller guides are hand adjustable and the top tape carriage has extendible anti-tipping rods to prevent the carton from falling as it overlaps the rear of the machine. Air supply: 101.5psi max. Maximum carton height 600mm (Standard 500mm height is increased to 600mm by repositioning the guide columns).

Uniform size
Side belt



VH212SB

with Flap Closer

Venus VH212SB/K

Simultaneously closes and tapes up to 15 cartons per minute. Easy to change slide in, slide out tape head. Tape size 50mm wide x 300mm outer diameter. Air supply 5-6 kgs F/cm². The table height is adjustable from 500mm to 900mm. Carton size min: (LxWxH) 200mm x 120mm x 120mm. Carton size max: (LxWxH) 600mm x 545mm x 700mm. Machine dimensions: (LxWxH) 1727mm x 934mm x 1554mm. Machine net weight 200kg.

Low profile cartons

Uniform size
Side belt



Venus CARTON SEALER SELECTION GUIDE

	VH209A MkIII	VH209AL MkIII	VH209TBA MkIII	VH209E	VH210A	VH212SB	VH212SB/K
For Uniform size cartons	✓	✓	✓	✓		✓	✓
For random size cartons					✓		
Side belt drive	✓	✓		✓	✓	✓	✓
Top and bottom belt drive			✓				
Flap closer						✓	✓
Carton size Min. mm (LxWxH)	120 110 120	120 90 75	120 150 120	150 100 100	N 100 100	100 150 100	200 120 120
Carton size Max. mm (LxWxH)	N 500 500	N 500 450	N 500 500	N 500 500	N 500 500**	600 500 500**	600 545 700
Output (cartons per min.)*				20	8	17	
Air required (psi)					101.5	101.5	101.5
Power (V)	240	240	240	240	240	240	240
Weight (kg)	160	165	153	100	131	147	200
Mach. Size mm (LxWxH)	1713x845x1350	1713x854x1350	1637x754x1375	1970x800	1200x865	1500x865	1727x934
Table height (mm)	600 to 820	600 to 820	600 to 800	500 to 800	650 to 750	650 to 750	500 to 900

N = No limit * Based on 500mm long carton ** 600mm by repositioning guide columns # With roller bed extension

Venus[®]

Carton Sealers

UNIFORM SIZE

For sealing a run of uniform size cartons. The operator manually sets the carton size and folds down the top flaps ready for sealing. VH212SB and VH212SB/K fold down the top flaps automatically.

RANDOM SIZE

For sealing random size cartons. The operator folds down the top flaps, then as the carton enters the RANDOM SIZE machine it activates a series of micro-switches which pneumatically and automatically adjust the belt drives, guide rails and upper sealing head to the size of whatever carton is presented for sealing.

INCREASING THE MAXIMUM CARTON HEIGHT

On some models the tape head carriage guide columns can be raised to increase the maximum carton height by up to 150mm. This also increases the minimum height by the same amount as indicated in brackets in the "carton height" column of the Carton Sealer Selection Guide (below).

CARTON SIZE ADJUSTMENTS

All Venus Uniform Size Carton Sealers employ a simple manual winding mechanism for adjusting the side drive belts and top sealing head to the carton size. On top or top and bottom belt drive units, side guide rails are set manually and locked in position with large wing nuts.

TAPE REPLACEMENT

On all Venus carton sealers the bottom tape head simply lifts out for easy tape replacement. The upper tape head also simply lifts out or it slides out easily after loosening a wing nut, clamping lever or finger tightened locking screws. No tools are required (except VH209E).

SUITABLE TAPE WIDTHS

All models take tape widths of up to 50mm. The roll of tape is simply pressed onto the spool and threaded through the sealing head.

Venus VH209AL MkIII

A uniform side belt carton sealer specially designed for cartons as low as 75mm high. Closely spaced rollers ensure small cartons travel smoothly. Tape head height and drive belt spacing are quickly adjustable to suit the carton size. Carton size max: (LxWxH) Unlimited x 500mm x 450mm high.

Carton size min: (LxWxH) 120mm x 90mm x 75mm high. Tape widths: 38mm and 48mm. Belt speed: 23 metres per minute. Removable infeed and outfeed roller extensions. Simple press button controls. Lockable castoring wheels. Adjustable height legs. Power supply: 240v, 60hz, single phase. Power consumption: 450w.



Venus VH46

Weighs just 370 grams and warms up in 7 minutes. Includes a clip-on stand, 25 20cm x 12mm glue sticks a release mat (excess glue peels off easily when cold). Bonds wood, paper, foam, card, chipboard, hardboard, some plastics, rubber, glass, thin metals, ceramics, leather and fabrics.



Lightweight professional

Venus[®]

Hot Melt

Glue

Guns



Venus VH42S

Ideal for production line and packaging applications including pallet load unitizing - a light spray holds the load together. Fibreboard cartons and PP sacks on pallets can be pulled apart without damaging graphics. The VH42S is reliable, easy to use and can be bench mounted. Adjustable air pressure controls the area of spray. Increase efficiency; save up to 50%, on glue usage; spray at any angle, even upside down. Can also be used as a conventional glue gun. Uses 43mm glue slugs.

Industrial
Spray system



Venus GLUE GUN SELECTION GUIDE

	VH38	VH40xx	VH42S	VH43	VH46	VH48	VH55	VH56	VH58	VH51	VH63	VH65	VH501
Industrial													
Light Industrial					✓								✓
Non-industrial	✓	✓		✓									
Glue delivery (kg/hr max.)		0.40	2	0.75	0.75	2.4	2	2	3.5	4.1	4.2	2	1.6
Warm-up (minutes)	7	4	4	4	7	4	4	3	3	5	10	5	5
Air required			✓							✓	✓		
Glue delivery Temp. (°C)	177	190	204	130	200	195*	195	195**	195*	195*	180#	195	195
Glue slug diam. (mm)	12	12	43	12	12	12	12	12	43	43	43	12	12
Weight (grams)	350	230	1130	280	370	700	550	500	1250	1400	1400	500	770

* Optional 160°, 180°, 215° ** Optional 130°, 215° # Optional 195° for polyamide spray adhesive; 130° for lowmelt adhesive

Non industrial

Low temperature 130° C

Venus VH43

Perfect for school use and ideal for florists, crafts and hobbies. Simple to use and safe; the low operating temperature reduces the risk of accidental burns. The solid state, self-regulating heater provides accurate temperature control and excellent reliability. Also features a totally enclosed heater housing and glue reservoir, silicon rubber nozzle cap, and "power-on" safety light. Uses Venus 9025 low temperature glue.



Venus VH40XX

Designed for hobbies, crafts and do-it-yourself projects. Also ideal for souvenir manufacturers and florists. A comfortable, sensitive trigger control ensures accurate application. This low cost, mini-weight design is similar to the VH43 but has a higher glue delivery temperature (190°C). Complete with a clip-on stand.



Non industrial
Mini

Venus VH38

Bonds paper, plastic, wood, ceramics and some metals. Ideal for woodworking, assembling dried flower arrangements, making wooden and cardboard models and for many other craft and hobby applications. Melt rate up to 750g per hour. Includes two 12mm glue sticks and wire stand. 7 minute warm-up.



Non industrial

Venus VH48

A high output gun designed for high volume product assembly, carton sealing and packaging. Identical to the Venus VH55 glue gun but with optional plug-in, temperature modules (160°C, 180°C, 195°C and, 215°C) available according to the glue output required. Standard module is 195°C.



Industrial
High output

Venus VH55

The basic Venus industrial gun. The lowest priced gun in our range for high output industrial applications where some constant usage is required including product assembly, carton sealing and packaging. Large multi-finger trigger requires only light pressure for a constant, even, free flowing output - ideal for women. The VH55 can be reloaded during operation saving downtime, and a valved nozzle eliminates wastage when not in use. Complete with stand. Uses Venus 12mm glue sticks.



Industrial
Economy

Venus VH56

Full hand lever trigger with adjustable stroke to suit different hand sizes. Comfortable narrow profile handle with soft feel grip. Slim, smooth styling for easy cleaning and maximum access. Powerful, thermostatically controlled stainless steel cartridge heater provides fast 3 minute warm-up. Illuminated on/off switch, detachable stand with built in trigger and nozzle spanner. Delivers up to 2 kg per hour using Venus 12mm adhesive sticks. Weight 0.5kg.

Medium Industrial



Venus VH65

An easy to use, heavy-duty gun designed for comfortable all day use. The thermostatically controlled 250 watt stainless steel cartridge heater provides a fast warm up and maximum tool life. Comfortable soft grip handle mouldings and adjustable trigger suit different hand sizes and regulate the adhesive delivered per pull. The narrow profile and removable stand allow maximum access into tight corners. Smooth easy to clean styling. Delivers up to 2kg per hour using Venus 12mm adhesive sticks.

Industrial
High output



Venus VH63

An economical, high output, hand-held spray glue gun. Totally self-contained with no expensive bulk tanks or fragile heated hoses. Warms up in 10 minutes and dispenses up to 4.2 kg per hour in spray, bead or dot patterns. Fast and safe to reload. Covers areas up to one metre square at a time. Can be used on heat-sensitive substrates, such as expanded polystyrene and other plastic foams. Uses Venus solvent-free and non-toxic 43mm spray adhesive slugs. 500 watt power. Requires compressed air. Optional carry case.



Industrial
Air Assisted Spray System

Venus VH61

Delivers up to 4.1 kg per hour. Rugged and reliable with 500 watt power, enclosed heater housing, silicon rubber nozzle shroud and "power-on" light for operator safety. Twin 250 watt stainless steel heaters provide a 5 minute warm-up, maximum efficiency and an even melt rate. The solid long-life barrel and two-piece nozzle ensure fast, smooth glue flow. A non-stick coated piston makes loading easy and reduces glue back-up. Never runs out of adhesive; a spare cartridge always remains in the gun and reloading takes just seconds. An audible and visual signal indicates time to re-load. Uses Venus 43mm adhesive slugs. Requires compressed air.

Industrial
Air Assisted High Output



Venus GasGlue 501

The GasGlue 501 runs on butane gas and is refueled from standard gas lighter refills. Totally portable and indispensable for applications where mains power is not available such as carpet fitting, shop fitting, building exhibition stands and theatre scenery, attaching car badges and trim, fixing telephone and alarm wiring in place, resealing cartons and produce packing. Temperature is regulated to 195°C

by a thermostatically controlled gas valve. Piezo ignition fires up the heater which uses a flameless catalytic reaction. Dispenses up to 1.6kg of hotmelt glue per hour. 5 minute warm-up and up to 2 hours running time.

Light industrial
Cordless



Venus VH58

High output - up to 3.5 kg per hour yet weighs only 1.25kg. Features a one piece, non-drip silicon shrouded nozzle for safety and easy glue flow. The breach load system holds two large 43mm diameter slugs and the four finger "soft-heel" trigger gives greatest leverage for least effort. Large ventilation slots allow a standby temperature of 130°C for a fast 90 seconds recovery to full operating temperature. In fact the VH58 can even be used in standby mode. Powerful 400w heater. Hanging point for overhead mounting. Optional plug-in temperature modules (160°C, 180°C and 215°C). Standard module is 195°C.



Industrial

Venhart Carton Sealing Tapes

Choose from the range of Venhart carton sealing tape including 20C PVC standard release, transparent and printable; 600AA and 600EAWK PP tapes for general purpose sealing and 600JAR cast PP quick release in brown and clear for excellent adhesion in cold temperatures. For more information on the huge range of Venhart tapes see "The complete Venhart Tape Guide" brochure.



Venus VH17 Air Compressor

Ideal for small workshops and factories, this portable 240v compressor is quiet - only 30 decibels at 1 metre - and weighs only 15kg. The powerful 135 watt motor delivers 17 litres per minute. Maximum pressure: 116psi. Automatic pressure switch. Size: 460mm x 200mm x 310mm high. Complete with filter/pressure regulator, gauge, and on/off switch. Use with the Venus VH42S glue gun.



Venus[®] CARTON SEALING Accessories

Venus VH5046 Foot Pedal and Glue Gun Stand

Designed for hands-free operation of the Venus VH42S spray glue gun. Improves productivity by up to 50%. Height adjustable from 250mm to 500mm. The foot pedal angle is adjustable for maximum operator efficiency and comfort. Complete with all air supply fittings.



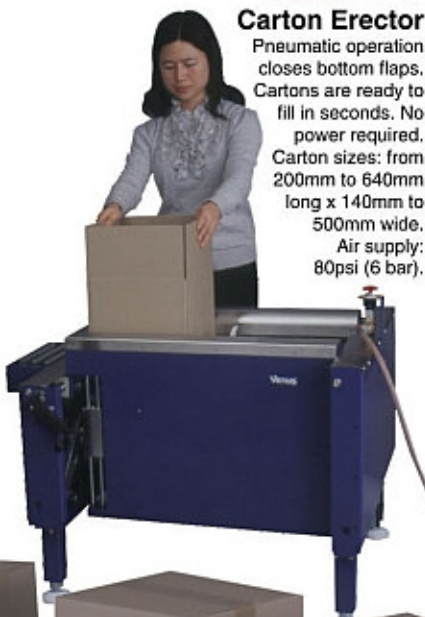
Venus P90 Pusher

This motorised pusher with pneumatically operated pusher bar re-directs cartons by 90 degrees. Adjustable to push left or right. Table height is also adjustable from 520mm to 750mm using an Allen key.



Venus VH64 Carton Erector

Pneumatic operation closes bottom flaps. Cartons are ready to fill in seconds. No power required. Carton sizes: from 200mm to 640mm long x 140mm to 500mm wide. Air supply: 80psi (6 bar).



Optional Glue Gun Nozzles



A=MNZ012, C=MNZ020, D=MNZ0132, E=MNZ0273, F=ANZO20, G=HO11C, H=HO11B, I=HO11D, J=PA5032, K=PA5033

For VH45, VH48, VH55, VH58, VH61, VH65, VH501
 MNZO132 HOLE: 2 parallel adhesive lines 10mm apart.
 MNZO273 HOLE: 3 parallel adhesive lines 5mm apart.
 MNZO12* 30mm EXTENSION with 3mm orifice.
 MNZO20* 30mm NEEDLE EXTENSION with 1.3mm orifice.
 ANZO20 30mm SPREADER EXTENSION with 6mm wide flat orifice.
 PA5032 'L' NOZZLE for fast full overlap carton sealing.
 PA5033* NOZZLE for fast centre flap carton sealing.
 *MNZO14 EXTENSION ADAPTOR, required with MNZO12 and MNZO20.
 For VH40XX and VH43
 HO11B 12mm EXTENSION with 1.8mm extension.
 HO11C 11mm SPREADER EXTENSION with 5mm wide flat orifice.
 HO11D 5mm PENCIL POINT EXTENSION with 1.8mm orifice

Venus VH/M500 Motorised Conveyor

Designed to carry products through packing stations automatically. The ideal partner for Venus carton sealers. Simply plugs into any standard 240v outlet. Height adjustable from 530mm to 740mm using an Allen key.



Venus AL500 Auto Infeeder

Indispensable when several filling lines converge on the one carton sealer. The operator is free to attend to other duties while the Auto Infeeder feeds cartons to the sealer. A time delay with variable distance setting ensures an even distribution of cartons. Guide rails are easily adjusted and locked in position by hand to suit carton widths from 100mm to 500mm. Machine size 650mm wide x 1000mm long. Table height minimum 520mm, maximum 750mm.



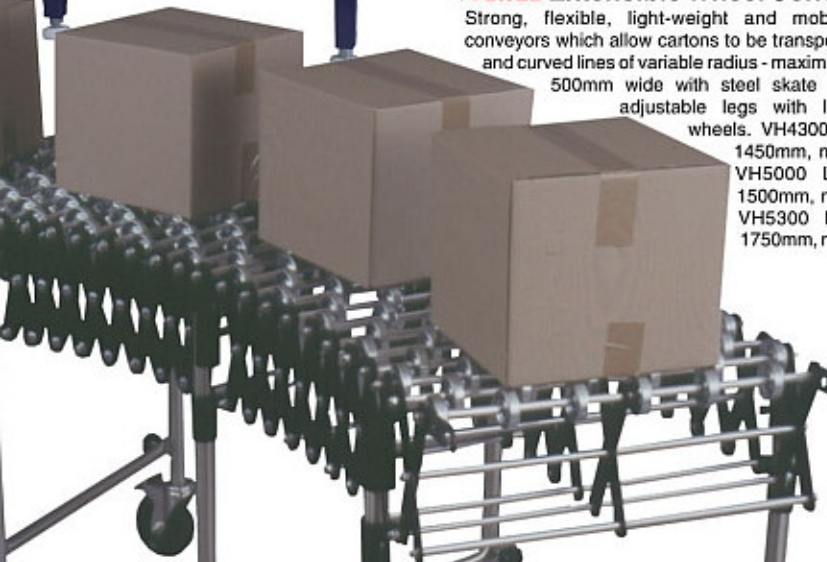
Venus VH45 Automatic Carton Erector



Automatically closes the bottom flaps and holds the carton while the operator fills it. Important with unstable cartons, lightweight items and heavy or fragile products which require two handed loading. When filled, the carton is automatically sent to the carton sealer. Output: up to 13 per minute. Minimum carton size 200mm x 150mm x 120mm high; maximum 650mm x 450mm x 500mm high. Machine size 690mm wide x 1210mm long (extending to 1760mm). Table height 650mm.

Venus Extensible Wheel Conveyor

Strong, flexible, light-weight and mobile multi-purpose conveyors which allow cartons to be transported along straight and curved lines of variable radius - maximum 180° left or right. 500mm wide with steel skate rollers and height adjustable legs with lockable castoring wheels. VH4300 Length: minimum 1450mm, maximum 4360mm. VH5000 Length: minimum 1500mm, maximum 5000mm. VH5300 Length: minimum 1750mm, maximum 5300mm.



Venus VR5 Bulk Adhesive Dispenser

The VR5 bulk system applies hot melt adhesives for bonding and sealing everything from metals and plastics to corrugated cardboard boxes. It is especially suitable for pallet stabilisation but also has numerous applications in the automotive, furniture and manufacturing industries for component assembly, reinforcement and packaging.



Venus VH8200 Peelable Adhesive Dispenser

The VH8200 dispenses peelable adhesive dots for attaching CDs, promotional samples, labels, cards and any items that need to be firmly attached but easily and cleanly removable. One kg of glue produces 20,000 dots of 9mm diameter. That's a big saving over pre-formed glue dots and systems that only apply strips. The hand lever can be mounted for right or left handed use and each stroke dispenses pressure sensitive dots adjustable from 7mm to 30mm diameter. Lines of adhesive are formed by moving the article under the nozzle. The non-drip nozzle is positioned to give 11cm deep access. The 600 watt thermostat controlled heater melts the adhesive ready for use in 10-20 minutes and maintains the temperature at 160°C. Adhesive capacity: ½ kg. An optional foot pedal allows hands free operation and increases output by up to 100%



Venus Hot Melt Glue Selection Guide

Venus Hot Melt Glues

Venus Hot Melt Glue are made from 100% solid adhesive. Because they are not solvent based they are friendly to the environment and will not taint foods or other packaged items. Also because they are solvent and water free there is no wastage and no glue odours when set. Venus Hot Melt Glues have an almost unlimited shelf life and are far easier to use and store than messy cans and tubes.

Hot Melt Formulation

All 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 which holds the elements together and also determines the adhesive strength. A high tackifier content gives lower viscosity and a stronger bond. RESIN gives the adhesive its tackiness. Paraffin or polythene WAX is used as a viscosity modifier; a higher wax content produces faster setting and a crisper bond. Other ingredients include ANTI-OXIDANTS to stabilise the colour, RUBBER to increase resilience and reduce brittleness, PLASTICISERS and OILS to extend the open time.

Where substrates might be exposed to temperature extremes and where impact resistance is required at low temperatures it is necessary to consider the more expensive polyamide glues, Venus 9804 and 9901

1. 9010 43mm x 40mm
2. 9040 43mm x 50mm
3. 9060 25mm x 75mm
4. 9010 12mm x 200mm
5. 9060 12mm x 300mm
6. 9040 12mm x 300mm
7. 9020 12mm x 300mm
8. 9025 12mm x 200mm
9. 9015 12mm x 200mm



Hot Melt Terminology

Viscosity is the liquidity of the adhesive in its hot state and is generally quoted in centipoise (CPS) at a given temperature. The lower the CPS value the thinner the liquid. Water has a value of 1 CPS. Viscosity is quoted in a fairly wide range (ie 7000 to 10000 CPS) as chemical companies only manufacture to a ±2% variation on softening point specification. Therefore viscosity varies from batch to batch.

Open Time is the maximum working time before the adhesive cools to a point at which only marginal bonding can take place. It is based on adhesive formulation and rate of heat loss.

Temperature Resistance is the resistance of the bond to heat and cold. Important to electronic component assembly, deep freeze packaging etc. The Venus range of EVA polymer glues includes temperature resistances from -20°C to +80°C and polyamides from -20°C to +149°C.

Polyamide Glues are high performance glues with excellent chemical and temperature resistance. Polymer results from the polymerisation reaction when certain oils are added to fatty acids.



PRODUCT No	FEATURES AND USES	COLOUR	OPEN TIME SEC.	VISCOSITY CPS at 200°C/160°C	MOLTEN TACK	APPLIC. TEMP. °C (suggested)	TEMP. RESIST. °C	SLUG SIZES dia. x length mm	SLUGS per Kg (approx.)
FAST PACKAGING GLUES Fast setting, medium viscosity, easy flow, reasonable heat resistance and crisp bond due to high wax content.									
9010	Perfect for carton sealing because it is fast setting and has medium viscosity due to the high paraffin wax content (a viscosity modifier). It has a high molten tack which reduces the chance of a carton popping open, and is resistant to shrink tunnel temperatures. Basic polymer is EVA (Ethyl Vinyl Alcohol).	Light brown	15	2800 8350	Very high	160 to 200	+70	12 x 300 43 x 40	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 too much penetration of glue into porous surfaces. Can also be considered as a general purpose glue.	Clear	15	1900 1700	Very high	160 to 200	+70	12 x 200	50
GENERAL PURPOSE OR ASSEMBLY LINE GLUES Economical glues in natural colour and clear or water white and formulated for bonding a wide range of substrates. The performance of clear glue is reduced slightly due to the purification process.									
9020	A cost effective glue with excellent heat resistance and high viscosity, which makes it effective on porous substrates. Venus 9030 and 9039 are of lower viscosity and therefore have a better flow. Provides an excellent bond on soft and hardwoods. Also bonds a wide range of substrates including fabrics, ceramics, leather, polystyrene and some plastics (not polyolefins like PE and PP. EVA polymer based).	Brown	45	4450 14000	Very high	160 to 200	+70	12 x 100 200, 300 25 x 75 43 x 40	56 50, 34 55 17
9025	A translucent white EVA polymer based glue which flows at 130°C, a lower temperature than other Venus glues and is therefore suitable for the Venus VH43 low temperature glue gun. Very fast setting, 10 seconds open time, and ideal for heat sensitive surfaces including balloons, polystyrene, paper, fabrics, films and dried flowers. It has similar heat resistance to Venus EVA glues, 60°C.	Trans. white	10	1900 (160°C) 7100 (120°C)	Very high	120 to 140	+60	12 x 200	50
9040	Clear and flexible with 45 seconds open time and good heat resistance. A better quality version of Venus 9020 and 0232 glues with a higher tackifier and resin content for lower viscosity, better flow and closer, tighter joint line. Ideal for hobbyists, florists, assembly of vertical blinds and lampshades etc.	Clear	45	2875 8325	Very high	160 to 200	+67	12 x 100 12 x 300 43 x 50	65 34 17
SPECIAL PURPOSE GLUES									
9060	The glue to turn to when all else fails in the product assembly area. A medium viscosity formulation combining an EVA polymer with a unique rubber base for an extremely shock resistant, resilient, rubber-like bond. It works on the most difficult surfaces including most polyethylene and PP plastics, acrylics, ceramics, glass, metals, fibreglass and hardboard.	Light brown	40	3920 11650	Very high	160 to 205	+70	12 x 300 25 x 75 43 x 40	34 50 17
HE77	A polyamide glue used by hairdressers to apply hair extensions. The glue is formulated to withstand washing, high temperatures from hair dryers, and the chemicals used in shampoos, conditioners and hair dyes. 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	Very high	215	+135	12 x 120	
PEELABLE GLUES									
2169	A peelable adhesive used in the Venus VH8200 Peelable Adhesive Dispenser. Specially formulated to provide a temporary bond and clean removal. Used for attaching CDs, promotional samples, labels and cards etc. One kg of glue produces 20,000 dots of 9mm diameter. A saving of up to 80% over pre-formed dots and systems that only apply strips. Packed 26 x 0.5kg blocks per 13kg carton.	White clear	Perm.	1650	N/A	130	N/A	0.5kg block	26 per carton
3312	A peelable pressure sensitive adhesive used in the Venus VH8200 Peelable Adhesive Dispenser and the VR5 Bulk Adhesive Dispenser. Specially formulated for attaching CDs, promotional samples, labels and cards etc. that need to be easily and cleanly removed without damage. Also used for pallet stabilisation. 0.542kg block. 13 kg pack.	Pale amber	Perm.	3210	N/A	150-170		0.542kg block	26 per carton
BULK GLUE BEADS									
2014	Fast setting polyamide glue with high molten tack and excellent adhesion. Gives a tough flexible bond that is suitable for wide temperature extremes - from deep freeze (to -30°C) on untreated boards to use in shrink tunnels, microwaves and high ambient temperatures. Can be used where high stress is placed on the bond immediately after compression. Low odour.	Pale amber	20-30	1785	Very high	150-170	??	Pastilles	20kg bag
2427	A general purpose synthetic polymer based product assembly glue that has excellent adhesion to a wide range of substrates. Low viscosity and medium open time makes it suitable for a wide variety of applications. Excellent adhesion to most plastics, metals, boards and textiles.	Pale amber	Medium	2065 (180)	Very high	180-80	??	Slats	20kg bag
SRAY GLUES These are PP polymer based and unlike the EVA glues, which set due to heating followed by cooling, Venus spray glues set as a result of a chemical cross linking process. Heat is necessary only to make the glue flow. Plasticisers and oils are added to soften the polymer and extend the open time. Various resins and tackifiers produce the tack, and anti-oxidants stabilise the colour and performance.									
9062	Used for pallet stabilization - holding together fibreboard cartons and PP packs and pallets which need to be moved and then pulled apart without removing the graphics. Of our three spray glues Venus 9062 has the least plasticiser and tackifier content and therefore the best flow and highest output.	Light brown	60	2650 7500	High	169 to 190	+80	43 x 50	15
9180	A very slow setting time of 3 minutes for intricate assembly. Ideal for non-critical automotive applications such as sound deadening foam and carpet installation. Also ideal for bonding upholstery foams and fabrics etc. The middle of the Venus spray glue range for flow and output and therefore the best all-round spray glue.	Brown	180	5500 15000	Very high	200	+75	43 x 50	15
9480	High performance for very special applications. Very slow setting (8 minutes) with high tackifier and plasticiser content for a tough, shock resistant bond. Becomes so soft and sticky that the glue has difficulty running through the gun. Improvements are in progress to achieve a harder glue without sacrificing tackiness.	Light brown	480	7300 10700 (180°C)	Very high	200	+75	43 x 50	15