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# WHAT CAN WE GLUE FOR YOU?

lec 820.72

# WHAT CAN WE GLUE FOR YOU?



Carton sealing • Packaging sub-assemblies Contract packaging •Waxed & coated boards Moisture barrier attachment Fine art packaging (acid free) Protective foams



Tile displays • Automotive trim Badges & emblems • Plastic assembly Sand core assembly • Luggage assembly Fabrics and foams • Magazine tip-ins Sample books



Upholstered furniture Clamping, positioning & templates Fabric bonding • Corner spacer blocks Drawer bottom reinforcement V-groove assembly • Knot filling Picture framing • Securing mirrors to frames



Gripper attachment • Carpet repairs Stair nosing • Laminate beading attachment Stair carpet bonding • Under-floor heating Wood floor repairs & gap filling



Component stabilisation Attaching components to PC boards Potting • Coil terminating • Wire staking Vibration protection • Strain relief of cables Fixing & securing battery packs Telephone & data cable installation Low pressure over-moulding



Floristry foam • Flower arranging Gift card attachment • General assembly Balloons (using lowmelt adhesive only) Banners • Ribbon • Rosettes



Laminated and coated boards Plastic trim attachment • Reinforcement

(High output tools are available for large displays)



Card making • Wooden models • Rosettes Promotional items • Novelty crackers Colour & glitter glues for decoration Party hats

Confused about what equipment you need?

There's a lot to choose from! But we recommend selecting the correct adhesive for your application first. This will make it easier to choose suitable tools and accessories.

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tecbond<sup>®</sup> hot melt adhesives provide instant, permanent bonding on a vast range of materials without the use of harmful solvents. They are ideal for fast repetitive gluing applications.

tecbond<sup>®</sup> hot melts are available in stick, cartridge and bulk forms. They can be used in tools ranging from the smallest hand guns to fully automatic bulk tank systems. Once loaded the solid adhesive is melted by the applicator and then applied to the surface being bonded.

Most materials can be bonded with hot melt adhesives providing the parts can be assembled while the adhesive is still molten. The molten adhesive is applied to one of the surfaces to be bonded. When the parts are pressed together the heat quickly dissipates into the substrates, which solidifies the adhesive, and a bond or seal is made instantly.

Working times of our hotmelts vary from just a few seconds to several minutes: the actual time will depend on adhesive formulation, ambient temperature, substrate temperature, and the amount and configuration of the adhesive applied.

tecbond<sup>®</sup> hot melts are 100% solid, non-toxic adhesives containing no solvents (no VOCs) or water. Users do not have to worry about odours or mould in finished products, or about paying for a solvent that just evaporates. tecbond<sup>®</sup> hot melt adhesives are safe and easy to store, and have a virtually unlimited shelf life.

tec<sup>™</sup> glue guns are designed to apply our wide range of tecbond<sup>®</sup> hot melt adhesives, easily, quickly and reliably. They are low-cost capital items, highly portable and designed to be totally reliable in tough industrial environments.



tec<sup>™</sup> glue guns can apply hot melt adhesive in bead, dot and even spray patterns, depending on the model selected.

The wattage of the tool normally determines the melt-rate. Tool selection should be based on the amount of adhesive required per assembly, as well as the number of assemblies needed to be produced per hour.

In general the larger tools are more powerful and are capable of providing greater volumes of hot melt adhesive, at the correct temperature, for optimum bonding.



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21 23 Do you have a question about any products within the tec or tecbond range? Just give our sales team a call - they'll be happy to advise you. Find our contact details on the back page.

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tec 6300-43

### 12mm ( $\frac{1}{2}$ ") tec hot melt glue guns







### tec 305-12

Melt rate Glue size Voltage Wattage Heater **Temp Control** Hotmelt gun °C (°F) Lowmelt gun °C (°F) Power cable Weight Packaging

Light industrial 12mm  $(\frac{1}{2})$  glue gun, lightweight and easy to use, illuminated on/off switch, removable stand, adjustable full hand trigger and replaceable nozzle.

900g (2lbs)/hr 12mm (1/2") glue stick 110-240V 20W (150W) PTC Self-regulating heater 195°C (380°F) 130°C (265°F) 2m (6½ ft) 250g (9oz) PET blister (10 per ctn)



12mm (1/2") glue sticks are on page 8.

Heavy duty medium size 12mm (1/2") glue gun, robust

& easy to use with medium output, 2 minute warmup time, fast recovery & illuminated on/off switch.







Scan for the 12mm gun video! 







### tec 810-12

Melt rate Glue size Voltage Wattage Heater **Temp Control** Hotmelt gun °C (°F) Lowmelt gun °C (°F) Power cable Weight Packaging

2.0kg (41/2lbs)/hr 12mm (1/2") glue stick 120V and 230V 250W Cartridge Interchangeable thermostat 195°C (380°F) 130°C (265°F) 3m (10 ft) 500g (18oz) Plain box (10 per ctn)



### Don't forget!

You can find more information on the tec 820 tool on page 11.



Adjustable temperature, heavy duty medium size 12mm ( $\frac{1}{2}$ ") glue gun. Robust and easy to use, fast recovery, medium output, 2 minute warm up time & illuminated on/off switch.

Melt rate Glue size Voltage Wattage Heater **Temp Control** Hotmelt gun °C (°F) Lowmelt gun °C (°F) Power cable Weight Packaging

2.5kg (51/2lbs)/hr 12mm (1/2") glue stick 120V and 230V 250W Cartridge User adjustable thermostat Adjustable 130-200°C (265-390°F) Covered above 3m (10 ft) 500g (18oz) Plain box (10 per ctn)

Problems? Don't worry! All of our equipment carries a 12 month warranty.

### 12mm ( $\frac{1}{2}$ ") tec hot melt glue guns

# Introducing our new high-quality, low-cost, economy IZmm glue gun Improved quality, same low cost

Introducing the tec 806-12, the brand new replacement for the low cost 805-12 glue gun. The tec 806-12 combines high quality and cost efficiency with a new and improved lightweight, economic design - all for the same low price. It's improved features include a new soft-feel handle, making it a much more comfortable gun to use. Plus, the 2m cordset of the 805-12 is now replaced with a longer, 3m cordset for improved reach when working. This updated design also incorporates a new heater housing, which heats the glue more evenly before feeding it straight through the gun, resulting in a smoother application.

### Even easier to use

With an improved mechanism, the tec 806 is easier to use for longer, and has been designed to ensure optimum user-comfort with a new soft-feel grip. It also features an adjustable trigger, which means that alterations can be made to suit different hand sizes, or to achieve different outputs per trigger pull. It also includes a sturdy base, so it can be stood up between uses with no risk of the glue melting back. Plus, the 806 has been modelled with a narrow profile to aid visibility and ensure that adhesive can be accurately applied. It also has an easy-to-clean nose, so any dried glue can be wiped off to keep your gun in good condition.

### Fast warm-up

The tec 806-12 has a fast heat up time of only 2-3 minutes from cold, so is ready for use almost immediately. It is fitted with an illuminated on/off switch, which now features a new moulding to shield it, preventing it from being turned on or off by accident. The tec 806-12 can also operate on any voltage from 110V to 240V due to its PTC self-regulating heater, offering users even more flexibility.



### Scan for the tec 806 video!





tec		
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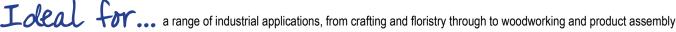
Low cost medium size industrial 12mm (1/2") glue gun, eco heater chamber design for low power consumption, robust & easy to use. Medium output, 3 minute warm-up time & illuminated on/off switch.

Melt rate Glue size Voltage Wattage Heater **Temp Control** Hotmelt gun °C (°F) Lowmelt gun °C (°F) Power cable Weight Packaging

1.8kg (4lbs)/hr 12mm (1/2") glue stick 110-240V 25W (250W) PTC Self-regulating heater 195°C (380°F) n/a 3m (10 ft) 450g (16oz) PET blister (10 per ctn)

Don't forget The tec 805-12 is still

available as a lowtemperature option (130°C, 265°F)





Woodworking The tec 806-12 can be used for a range of woodworking applications, with a good output and smooth operation.



Product assembly It is ideal for product assembly too, and the slim profile of the 806 means that the adhesive can be accurately applied.



Robust and reliable, the tec 806 is also ideal for a range of carton closing and packaging applications.

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### 12mm (1/2") cordless tec glue guns





Completely portable, robust  $12mm (\frac{1}{2})$  glue gun that runs on battery power. Easy and comfortable to use, with medium output, 3 minute warm-up time & illuminated on/off switch. Comes complete with battery, charger and carry case.

# Learn more! Scan for video

Melt rate	1.9kg (4lbs)/hr
Glue size	12mm (1/2") glue stick
Voltage	18V
Wattage	20W (150W)
Heater	PTC
Temp Control	Self-regulating heater
Hotmelt gun °C (°F)	195°C (380°F)
Lowmelt gun °C (°F)	n/a
Power cable	Cordless
Weight	Tool only: 530g (1.2 lbs), tool fitted with battery: 980g (2.2lbs)
Packaging	Kits: individually boxed, gun only: plain box (10 per ctn)



The gas-tec 600 is a totally portable, robust compact hot melt glue gun that runs on butane gas. It does not require mains electricity or batteries but operates using easily refillable LEC<sup>™</sup> (Liquid Energy Cells) power technology. The gas-tec 600 has been built to a very high standard and incorporates a soft-feel handle and full-hand trigger, making it a very comfortable gun to use.

Learn more! Scan for video

Melt rate
Glue size
Voltage
Wattage
Heater
Temp Control
Hotmelt gun °C (°F)
Lowmelt gun °C (°F)
Power cable
Weight
Packaging

1.7kg (3.7lbs)/hr 12mm (½") glue stick Gas powered 185W (equivalent) Catalytic Thermostatic gas valve 195°C (380°F) n/a Cordless 390g (14oz) PET blister (10 per ctn)



### The sky's the limit with cordless tec

No mains electricity supply?

### No problem.

The cordless tec range of guns gives you the freedom to work virtually anywhere as there are no power cables and no need for an electrical power source. Both guns are easy to use and offer great accessibility, making them ideal for trickier applications.

### Ideal for ...





awkward applications where a mains power source isn't readily available

#### Attaching cables

The portability and independent power source of the cordless guns make them ideal for applications like attaching

low-voltage cables.

#### Dent repair

Both cordless guns can also be used as part of a paint-less dent repair system that, used together with the rest of the kit, can remove dents from cars.





#### Flooring

Great for applications where freedom of movement is important, the cordless tec glue guns are perfect for jobs like laying gripper rods and repairing wooden floors.

#### Securing devices

Neither cordless tec glue gun needs to be plugged in, which means they can also be used at height to attach devices such as PIRs.

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### 12mm (1/2") tecbond glue sticks



Unsure which adhesive formulation is the best match for your application? Just give our sales team a call - they'll be happy to advise you. Find our contact details on the back page.

Formulation	Description	Colour	Open time	Viscosi
4	High delivery, very fast setting packaging adhesive	Pale amber	Short	Low
942	Product assembly adhesive for wood and many plastics, nylon, ABS & rigid PVC	Amber	Long	Mediun
х	Medium viscosity, wood working and packaging adhesive. Medium open time	Light brown	Medium	Mediun
13	Economical, general purpose adhesive. Suitable for ceramics, rigid PVC & polystyrene	Pale amber	Long	High
14	Economical, fast setting, packaging adhesive	Pale amber	Short	Mediun
3	Medium viscosity multi-purpose adhesive. For fabric, hard & soft wood & many plastics	Pale amber	Long	Mediun
32	Economical, high viscosity, clear general purpose adhesive. Suitable for fabrics, wood, card, and some plastics	Clear	Medium	High
40	Multi-temp, long open time, multi-purpose, clear adhesive. For use with many plastics & light gauge metals	Clear & colours	Long	Mediun
46	High performance adhesive for painted, varnished and other smooth surfaces	Clear & black	Medium	High
48	Very high performance, acrylic based hotmelt. Excellent adhesion to smooth and shiny surfaces	Clear	Long	Mediun
60	High performance, long open time, tough, flexible adhesive. Suitable for ceramics, plastics & woods	Light brown	Long	Mediun
61	High performance, tough, flexible adhesive with long open time. For use with ceramics, plastics incl PP/PE & woods	Pale amber	Long	Low
63	Polypropylene bonding with high heat resistance	Light brown	Long	High
41	Medium viscosity, fast setting, white adhesive with instant grab, suitable for packaging and woodworking applications	White	Short	Mediur
42	High viscosity, fast setting, white adhesive with instant grab. Suitable for heavy duty carton board & cable attachment	White	Very short	High
	High delivery, low viscosity, long open time, product assembly adhesive. For wood, plastic & metals	Light brown	Long	Low
.M44	Lowmelt, fast setting, high performance, white adhesive. Ideal for expanded polystyrene, thin films & balloons	White	Short	Low
olyamide ad	hesives			
713	Economy general purpose polyamide with high and low temperature resistance, and good chemical resistance	Amber & black	Medium	Mediun
718FR	Low viscosity fire retardant polyamide for potting and encapsulating applications in the electronics industry	Amber & black	Short	Low
784	High performance polyamide for bonding to difficult surfaces. Excellent high and low temperature resistance and good chemical resistance	Amber	Medium	Medium
785	Very high temperature and chemical resistance, suitable for demanding filter and automotive applications	Amber	Medium	Mediun
786FR	Very high temperature fire retardant polyamide adhesive for product assembly applications in the electronics industry	Amber	Medium	Mediun

		Open time	Viscosity
m viscosity, general purpose adhesive. Suitable for glass, fabrics, wood, card, and some plastics , Light Green, Dark Blue, Light Blue, Gold, Silver, Red, Yellow, Black, White & Orange	12 colours	Long	Medium

Don't forget The Glue Saver (ref. TEC-GS12) lets you change the colour of your glue stick, with no waste.













Open time

Long

Viscosity

Medium

Colour

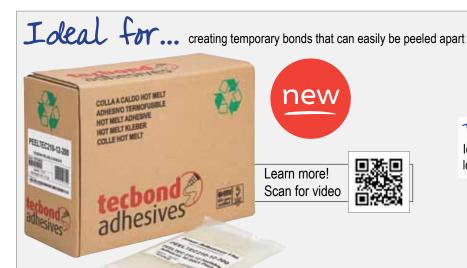
5 colours

Formulation Description

Economical, medium viscosity, general purpose adhesive. Suitable for glass, fabrics, wood, card, and some plastics 240 Glitter Glitter Red, Glitter Green, Glitter Silver, Glitter Gold & Glitter Blue

### Problems? Don't worry! All of our equipment carries a 12 month warranty.

### NEW 12mm (1/2") tecbond glue sticks





### Temporary bonds

Ideal for fixing credit or debit cards to letters, which can then be easily peeled off.



#### Giveaways

Peeltec 210 is perfect for attaching objects to magazines or catalogues for giveaways.



#### Glue dots

Create simple glue dots with a 12mm glue gun, without the need for a specialist dispenser.



A peelable - or fugitive - glue, Peeltec 210 can be removed easily once dry without any residual tack or residue. When applied sparingly it won't damage either surface, making it ideal for creating temporary bonds. It can be used on many different materials, including plastics and a range of paper types and board - with various print finishes and varnishes.

Open time	Very short
Molten tack	Medium
Heat resistance	120°C (248°F)
Low temperature flexibility	-30°C (-22°F)
Glue size	12mm (½")
Colour	Off white

#### tecbond 239

Tecbond 239 is based on a more flexible, clearer polymer, that has been carefully matched with the other components to maintain the maximum clarity possible.

Open time Molten tack Heat resistance Low temperature flexibility Glue size Colour

Medium Medium 70°C (158°F) -30°C (-22°F) 12mm (1/2"), 15mm (5/8") Crystal clear



# I deal for ... gap filling, and use on porous fabrics & foams

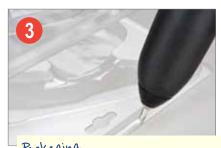


Crafting & floristry Tecbond 239 is ideal for use on porous fabrics and foams like those used in crafting and floristry.



Its high viscosity and ultra-clear appearance also make it ideal for decorating with things like air plants, filling gaps and adding stability.

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Packaging Because it's so clear, tecbond 239 can be used with clear packaging materials to great effect.

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### Increased output

With 30% more molten glue per trigger pull, you can up your productivity just by using 15mm (%") adhesive.

### Less downtime

Tec 15mm (5/8") glue guns hold up to 60% more glue when compared with their 12mm  $(\frac{1}{2}'')$  counterparts, so they don't need to be reloaded as often. Plus, all 15mm (5/8") tools have highly efficient melt chambers which see them heat up in only 2-3 minutes.

### Same easy application

All of these benefits with the same tecbond quality that you'd expect. Instant, permanent bonding on a wide range of materials, and no harmful solvents. Still safe and easy to store with a virtually unlimited shelf life.

And the 15mm (%") glue sticks are just as easy to load into our tec 15mm (%") glue guns. With a narrow profile for improved visibility, and an extension nozzle fitted as standard, accurate glue placement has never been easier.



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#### Still unsure?

Unsure which adhesive formulation is the best match for your application? Just give our sales team a call - they'll be happy to advise you. Find our contact details on the back page.

### tecbond high performance 15mm (%") glue sticks

Formulation	Description	Colour	Open time	Viscosity
14	High delivery, very fast setting packaging adhesive	Pale amber	Short	Low
213	Economical, general purpose adhesive. Suitable for ceramics, rigid PVC & polystyrene	Pale amber	Long	High
214	Economical, fast setting, packaging adhesive	Pale amber	Short	Medium
23	Medium viscosity multi-purpose adhesive. For fabric, hard & soft wood & many plastics	Pale amber	Long	Medium
232	Economical, high viscosity, clear general purpose adhesive. Suitable for fabrics, wood, card, and some plastics	Clear	Medium	High
240	Multi-temp, long open time, multi-purpose, clear adhesive. For use with many plastics & light gauge metals	Clear	Long	Medium
248	Very high performance, acrylic based hotmelt. Excellent adhesion to smooth and shiny surfaces	Clear	Long	Medium
260	High performance, long open time, tough, flexible adhesive. Suitable for ceramics, plastics & woods	Light brown	Long	Medium
261	High performance, tough, flexible adhesive with long open time. For use with ceramics, plastics incl PP/PE & woods	Pale amber	Long	Low
LM44	Lowmelt, fast setting, high performance, white adhesive. Ideal for expanded polystyrene, thin films & balloons	White	Short	Low
Polyamide ad	hesive			
7718FR	Low viscosity fire retardant polyamide for potting and encapsulating applications in the electronics industry	Amber	Short	Low
7784	High performance polyamide for bonding to difficult surfaces. Excellent high and low temperature resistance and good chemical resistance	Amber	Medium	Medium
7785	Very high temperature and chemical resistance, suitable for demanding filter and automotive applications	Amber	Medium	Medium

### Problems? Don't worry! All of our equipment carries a 12 month warranty.

### 15mm (%") tec glue guns

### Adjustable temperature control



The thermostat adjustment tool is stored under the gun's stand



Insert into the thermostat adjustment screw on the underside of the gun. Turning the screw fully anti-clockwise reduces the temperature to 130°C, while turning it fully clockwise increases it to 200°C

> Easy-to-clean nose

Adjustable full-hand lever with soft-feel grip handle

tec 820-15

### tec 820-15

Adjustable temperature, heavy duty medium size 15mm (5%") glue gun. Robust and easy to use, fast recovery, medium output, 2 minute warm-up time & illuminated on/off switch.

Melt rate
Glue size
Voltage
Wattage
Heater
Temp Control
Hotmelt gun °C (°F)
Lowmelt gun °C (°F)
Power cable
Weight
Packaging

2.5kg (51/2lbs)/hr

15mm (%") glue stick 120V and 230V 300W Cartridge User adjustable thermostat Adjustable 130-200°C (265-390°F) Covered above 3m (10 ft) 500g (18oz) Plain box (10 per ctn)

Narrow profile & extension nozzle for accurate glue placement

Detachable stand with thermostat adjustment tool stored underneath



Low cost medium size industrial 15mm (5/8") glue gun, eco heater chamber design for low power consumption, robust & easy to use. Medium output, 3 minute warm-up time & illuminated on/off switch.

Melt rate Glue size Voltage Wattage Heater **Temp Control** Hotmelt gun °C (°F) Lowmelt gun °C (°F) Power cable Weight Packaging

1.8kg (4lbs)/hr 15mm (%") glue stick 110V - 240V 30W (250W) PTC Self-regulating heater 195°C (380°F) 130°C (265°F) 2m (6½ ft) 450g (16oz) PET blister (10 per ctn)



Easily adjustable

temperature thermostat

to suit different glue

allows temp to be adjusted

formulations & applications

#### Continuous industrial use

Heavy duty medium size 15mm (%") glue gun, robust & easy to use with medium output, 2 minute warm up time, fast recovery & illuminated on/off switch.

Melt rate Glue size Voltage Wattage Heater **Temp Control** Hotmelt gun °C (°F) Lowmelt gun °C (°F) Power cable Weight Packaging

2.0kg (41/2lbs)/hr 15mm (5%") glue stick 120V and 230V 300W Cartridge Interchangeable thermostat 195°C (380°F) 130°C (265°F) 3m (10 ft) 500g (18oz) Plain box (10 per ctn)

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### 43mm (1<sup>3</sup>/<sub>4</sub>") tec glue guns



Problems? Don't worry! All of our equipment carries a 12 month warranty.

### 43mm (1<sup>3</sup>/<sub>4</sub>") tec glue guns & tecbond glue cartridges

New plug-in modules allow the gun to be set to different temperatures from 130°C - 215°C for max bond strength

### Eco-friendly & efficient

Features an automatic stand-by system that takes the temperature down in stages, protecting the gun from damage and saving energy. Standby is deactivated when the trigger is pulled

High output, electronically-controlled 43mm (1<sup>3</sup>/<sub>4</sub>") glue gun for industrial use. A powerful tool featuring patented ECOTEC® technology for exceptional temperature precision with eco-friendly phased standby operation.

3.8kg (8¼lbs+)/hr
43mm (1¾") glue cartridge
120V and 230V
400W
Cartridge
Electronic plug-in temperature modules
195°C (380°F) fitted, Lowmelt 130°C (265°F), 160°C (320°F) and 215°C (420°F) modules included (additional modules available)
Covered above
3m (10 ft)
1.15kg (2½lbs)
Plain box (5 per ctn)

Full length trigger that allows highly accurate control of the gun's adhesive flow

Open time Viscosity

Amint

tec 3400-43

Unsure which adhesive formulation is the best match for your application? Just give our sales team a call - they'll be happy to

Colour

advise you. Find our contact details on the back page.

A new, clever trigger-boost system recognises when the gun's trigger is used continuously and increases the power to the heater in response, upping the output even more



tec

3400

Learn more about the tec 3400! Scan for video



#### Unsure?

tecbond 43mm (1<sup>3</sup>/<sub>4</sub>") adhesive

Formulation Description

14	High delivery, very fast setting packaging adhesive	Pale amber	Short	Low
1942	Product assembly adhesive for wood and many plastics, nylon, ABS & rigid PVC	Amber	Long	Medium
1X	Low viscosity, wood working and packaging adhesive. Medium open time	Light brown	Medium	Low
213	Economical, general purpose adhesive. Suitable for ceramics, rigid PVC & polystyrene	Pale amber	Long	High
214	Economical, fast setting, packaging adhesive	Pale amber	Short	Medium
23	Medium viscosity multi-purpose adhesive. For fabric, hard & soft wood & many plastics	Pale amber	Long	Medium
232	Economical, high viscosity, clear general purpose adhesive. Suitable for fabrics, wood, card, and some plastics	Clear	Medium	High
240	Multi-temp, long open time, multi-purpose, clear adhesive. For use with many plastics & light gauge metals	Clear & colours	Long	Medium
248	Very high performance, acrylic based hotmelt. Excellent adhesion to smooth and shiny surfaces	Clear	Long	Medium
260	High performance, long open time, tough, flexible adhesive. Suitable for ceramics, plastics & woods	Light brown	Long	Medium
261	High performance, tough, flexible adhesive with long open time. For use with ceramics, plastics incl PP/PE & woods	Pale amber	Long	Low
265	Long open time product assembly adhesive for smooth & shiny surfaces & many plastics	Amber	Long	Medium
267	High & low heat resistant, medium open time, product assembly adhesive for polypropylene, wood & metals	Pale amber	Long	Low
342	High viscosity, fast setting, white adhesive with instant grab. Suitable for heavy duty carton board & cable attachment	White	Very short	High
5	High delivery, low viscosity, long open time, product assembly adhesive. For wood, plastic & metals	Light brown	Long	Low
LM44	Lowmelt, fast setting, high performance, white adhesive. Ideal for expanded polystyrene, thin films & balloons	White	Short	Low
Polyamide	adhesive			
7718FR	Low viscosity fire retardant polyamide for potting and encapsulating applications in the electronics industry	Amber	Short	Low
7784	High performance polyamide for bonding to difficult surfaces. Excellent high and low temperature resistance and good chemical resistance	Amber	Medium	Medium
7785	Very high temperature and chemical resistance, suitable for demanding filter and automotive applications	Amber	Medium	Medium

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### Tackle sensitive materials

Spray application provides a wider area of adhesion, improving bond strength on weaker substrates when compared with bead application. Thermal damage to temperature sensitive materials is prevented, as the specially formulated adhesive quickly cools when sprayed, but still retains its surface tack.

### Clean & efficient

Spray glue is more accurate than aerosols, and gives faster instant grab than solvent based spray adhesives. Did we also mention that it contains no solvent, so it's completely non-hazardous? Best of all, you only pay for the adhesive that you use, as there is no solvent to evaporate. There are no waste cans to dispose of, and the spray isn't airborne – so there's no need for protective masks or overalls, and you won't be left cleaning up excess glue from your work environment. Unused adhesive left in the tool at the end of the job simply re-melts when the tool is next switched on and can continue to be used in the normal way.

### Easy to store

Unlike solvent and water-based spray adhesives, spraytec has an indefinite shelf life and does not require any special packaging, transportation, or storage.

I deal for ... heat sensitive materials & applications requiring a wide area of coverage





#### Carpet backing

Faster & more efficient than most other systems, spraytec 420 is suitable for carpet backing, particularly felt backed carpets, which have proved difficult for many other types of adhesive.

#### Mattress assembly

Spraytec 420 is ideal for manufacturing mattresses. The instant grab allows the soft top to be placed accurately & firmly. There are no solvent smells or water vapour to encourage mould.





#### Sensitive materials

Bond polystyrene, foam, bubble wrap and other temperature sensitive materials to wood, cardboard and many other substrates.

#### Pallet stabilisation

Spraytec 410 can be used for improving load stability & safety. Stretch & shrink wrapping can be reduced, and the adhesive is easily removable and non-destructive.

Problems? Don't worry! All of our equipment carries a 12 month warranty.

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### Don't forget!





Extremely robust 43mm (1¾") spray glue gun with power-on light. Designed for industrial use, it sprays hotmelt at any angle with adjustable spray pattern. A non-toxic adhesive spray system, it covers large areas and applies hotmelt to heat sensitive substrates without damage. 7 bar (100psi) 85 l/min (3 cfm) air supply required.

Melt rate Glue size Voltage Wattage Heater Temp Control Hotmelt gun °C (°F) Lowmelt gun °C (°F) Power cable Weight Packaging 4.2kg (10lbs)/hr 43mm (1¾") glue cartridge 120V and 230V 500W Cartridge Interchangeable thermostat 180°C (350°F) n/a 3m (10 ft) 1.4kg (3lbs) Plain box (5 per ctn)

#### Speedlonder holds 3 extra slugs of gluel tec 7300 Image: Speedlonder holds 3 tra slugs of gluel image: Speedlonder holds 3 tra slugs 3 tra slu

Extremely robust, 43mm (1¾") spray glue gun. Non-toxic adhesive spray system, sprays hotmelt at any angle, adjustable spray pattern to cover large areas. Apply hotmelt to heat sensitive substrates without damage. Speed loader to reduce downtime, plus power-on light. 7 bar (100psi) 85 l/min (3 cfm) air supply required.

Colour

Melt rate Glue size Voltage Wattage Heater Temp Control Hotmelt gun °C (°F) Lowmelt gun °C (°F) Power cable Weight Packaging 5.25kg (111/2lbs)/hr 43mm (11/2") glue cartridge 120V and 230V 1000W Cartridge Interchangeable thermostat (Contact distributor) 180°C (350°F) n/a 3m (10 ft) 2.3kg (5lbs) Plain box (5 per ctn)

#### F.Y.J Adhesive

Adhesive test packs available - call us for details. You can find our contact details on the back page.

### Spraytec high performance 43mm (1<sup>3</sup>/<sub>4</sub>") adhesive cartridges

Specially designed for use in the tec 6300 & tec 7300, and available to bond virtually any material. The range provides variations in setting time, colour, heat resistance and viscosity to suit most applications.

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#### Formulation Description

l					
	spraytec 410	Pallet stabilisation spray adhesive, also for expanded polystyrene	Off white	Up to 1 min	Medium
	spraytec 420	General purpose spray adhesive. Suitable for fabric, upholstery foams, bubble film etc	Off white	Up to 3 mins	Medium
	spraytec 425	High delivery, high performance, spray adhesive for wood, many plastics and pre-cast concrete moulds	Dark amber	Up to 3 mins	Low
	spraytec 430	High performance, long open time spray adhesive. Suitable for polypropylene, foams, wood and cardboard	Amber	Up to 6 mins	Medium
п					

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Open time

Viscosity

### tecbond bulk & pressure sensitive adhesives





### tecbond bulk packaging adhesives

Formulation	Description	Colour	Open time	Viscosity
7731F-BK	High speed packaging adhesive, very versatile, easy set-up, class leading pot stability for clear running and reduced/ eliminated nozzle blockages	Water white	Very short	Low

tecbond bulk product assembly adhesives

#### Don't forget!

We have too many other packaging formulations to list, but if you require a formulation with wider heat and low temperature resistance, for varnished and other difficult surfaces, deep freeze, microwave and low string sift proofing applications, we can help. Please contact us to discuss your application.

Formulation	ation Description		Open time	Viscosity
2626-BK	Specially developed for filter pleating for air filter applications. Very low odour, class leading tank stability for clean running	Water white	Very short	Low
271-PL	Developed specifically to bond polyethylene and polypropylene as well as most other plastics, non wovens, and fabrics. Has a good level of both heat and cold resistance	Light brown	Very long	Medium
272-PL	High performance adhesive formulated for product assembly applications that require good high and low temperature resistance, suitable for most plastics	White	Long	Medium
273-PL	Very high performance product assembly adhesive with good adhesion to ceramics, metals, glass and most plastics including polypropylene		Long	Low

### Packaging

Cost is always important when it comes to packaging, but the use of coated boards, hot fill, deep freeze requirements and microwave suitability mean that packaging hot melts sometimes need to be very technical. It's important to use the right adhesive, and sometimes a higher cost hot melt gives a better mileage - producing better value for money and working out less expensive overall. Understanding how to get this balance right is something we do very well, with a wide range of packaging hot melts on offer to make sure your packaging line is running as quickly and reliably as possible.

### Product assembly

Tecbond product assembly bulk hot melts are suitable for applications in numerous industries, including foundry, pre-cast concrete, automotive, woodworking, mattress, filter, and product assembly. These high-performance adhesives offer a range of solutions, covering extremes of temperature whilst bonding many difficult substrates such as polypropylene and polyethylene.

Unsure which adhesive formulation is best for your application? Our sales team can help - find our details on the back page.

### tecbond pressure-sensitive adhesives ... for applications that require unlimited open time

Formulation	Description		Open time	Viscosity
801-PL	Clear, peelable, stain free hot melt for credit cards, magazine tip-ins	Clear	Permanent	Low
901-PL	Pressure sensitive adhesive exhibiting very high levels of tack and adhesion. The low viscosity is particularly suitable for application via spray	Clear	Permanent	Low
902-PL	Very tough, pressure sensitive adhesive exhibiting very high levels of tack and adhesion. The low viscosity is particularly suitable for application via spray	Brown	Permanent	Medium



Card & branding Can be easily removed without residue or damage.



Ideal for fixing cards to letters which can easily be peeled off.



Gweaways Perfect for attaching products to magazines for giveaways.



For maximum coverage when used with the tec 4500S.

### tec pneumatic reservoir glue guns & workstation



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### Nozzles

purposes and include mul nozzles for MDJ016	A wide variety of nozzles are available for specialised purposes and to speed up adhesive application. These include multi-hole, extension, spreader and special nozzles for carton closing. Standard fitted nozzles are shown in green. Image: Comparison of the									ADJ010							
MDC021	ADJ012 AD	J013 TADJ014 ADJ015	0	4	۱DJ					J017	7		A	DJO	18	-	
Reference	Туре	Description	Valve type	Material	tec 305	gastec 600	ec 805	ec 806	o-tec 807	ec 810	tec 820	tec 3150	tec 3400	tec 6100	tec 6300	tec 7100	tec 7300
ADJ010	Standard Ext Nozzle	2mm (0.080") orifice, 12mm (1/2") extension	BS	AL		5	-	-		-	÷	- 	-	- -	 	• •	-
MDJ016	Standard Ext Nozzle	2mm (0.080") orifice, 12mm (1/2") extension	0	AL		ζü.	Ē	2		÷ .	2		2	2	2 A	i 3	-
MDJ017	Slotted Spreader Nozzle	Allows a 12mm (1/2") wide spread of glue	0	AL											-	ā	-
MDJ018	Precision Nozzle	1.25mm (0.050") orifice, 5mm (1/4") extension	0	AL											-	ā	-
MDJ019	Spreader Extension Nozzle	5mm (3/16") orifice, 12mm ( $\frac{1}{2}$ ") extension	0	AL										ā	2	à	-
MDJ021	Extension Nozzle	2mm (0.080") orifice, 19mm (¾") extension	BS	AL											-	à	-
SK-600-Nozzle	Nozzle and Shroud Kit	2mm (0.080") orifice,12mm (1/2") extension	BS	AL	÷.		÷.	Ξ.	Ξ.	ŝ.	-	i i	-	¥ (	i a	4 0	-
ANZ016	Standard Nozzle with Aluminium ca	2mm (0.080") orifice	BS	ST	÷.	ζщ.	1	ζ¥.	ζщ.	i i	2			a a	-	à	-
ADJ023	Standard nozzle with aluminium ca	, , ,	BS	ST	÷	ä	ŝΞ	Ξ.	ũ.	ŝ¥ ŝ	÷.				2	à	-
MDC021	Wear resistant steel nozzle cap for ADJ023	3.5mm (0.138") orifice	-	-	ζ.	č.	÷.	ζ¥.	Ξ.	i i	-				-		-
ADJ012	Spreader Extension Nozzle	6mm (1/4") wide flat orifice, 30mm (11/4") extension	BS	ST										1	2	à	-
ADJ013	Angled Extension Nozzle	3mm (0.120") orifice, 30mm (11/4") extension	BS	ST										a a	2	a a	-
ADJ014	Precision Extension Nozzle	1.25mm (0.050") orifice, 30mm (11/4") extension	BS	ST										ā	-	à	-
ADJ015	2 Hole Nozzle	2 parallel adhesive lines 10mm (0.4") apart	BS	ST											-	2	-
ADJ016	3 Hole Nozzle	3 parallel adhesive lines $5\text{mm}(1/4)$ apart	BS	ST											-		-
ADJ017	'L' Nozzle	Fast full overlap carton sealing	BS	ST											-		-
ADJ018	'T' Nozzle	Fast centre flap carton sealing	BS	ST	÷	а.	÷	Ξ.	ä.	<u>a</u> 3	Ξ.			1	-		-
Spray nozzles Available to fit tec 6300 & tec 7300																	
Narrow	Medium	e e e e e e e e e e e e e e e e e e e	ich s	pray	/ no			lude	es th	nese	par	rts					
Reference	Туре	Description			tec 305	gastec 600	tec 805	tec 806	b-tec 807	tec 810	tec 820	tec 3150	tec 3400	tec 6100	tec 6300	tec 7100	tec 7300
PA6045	Narrow angle spray noz	zle 1.2mm (0.050") orifice (Red)			24	2	1	÷.	1	Ξ.	Ξ.	÷	÷.	Ξ.		i.	
PA6046	Narrow angle spray noz	zle 1.5mm (0.060") orifice (Red)			) L	ζ.	, Li	Ξ.	) L	ζü.	ġ.	ζ.	ŝ.	ŝ.		i.	
PA6056	Narrow angle spray noz	zle 2.0mm (0.080") orifice (Red)			24	2	1	22	Ξ.	1	Ξ.	ζű,	Ξ.	<u>,</u>		1	
PA6060	Medium angle spray noz	2.0mm (0.080") orifice (Yellow)			2	24	1	2	Ξ.	Ξ.	Ξ.	ζü.	Ξ.	Ξ.		i.	
PA6061	Medium angle spray noz	1.5mm (0.060") orifice (Yellow)			ζű	ŝ	Ξ.	Ξ.	Ξ.	Ξ.	Ξ.	Ξ.	Ξ.	Ξ.		i.	
PA6064	Wide angle spray nozzle	e 2.0mm (0.080") orifice (Blue)			ζщ.	2	2	2	сщ.	Ξ.	Ξ.	ŝ.	ŝ.	Ξ.		1	

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Problems? Don't worry! All of our equipment carries a 12 month warranty.

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### Strong & non-toxic

Tecbond adhesives will not have an adverse chemical effect on the substrates or the contents being packed, unlike solvent based adhesives which could damage expensive or delicate contents. Hot melts will give you a very strong tamper-proof seal that adds extra security to your packaging, as well as improving the rigidity of the carton. Plus, by using tecbond hot melts, you won't obscure any graphics that could be printed on the outside of the carton, as can often happen when using other closing systems such as tape or staples.

### Fast, clean bonds

With almost instant setting speeds, tecbond hot melts offer fast, clean bonding on a range of substrates with no messy residue once cooled.

I deal for ... saving time and money on packaging applications

### Speciality nozzles available

Extension, multi-hole, and spray nozzles are available to help you optimise your tec glue guns and tecbond glue for packaging. We particularly recommend the ADJ017 and ADJ018 nozzles that have been developed specifically for fast and efficient carton closing.



POS displays

Tecbond 265 or

261 are able to

bond most varnish

and coated boards

Consider switching your tape and stretch film for a glue gun and hot melt adhesives when it comes to packaging - they're stronger, faster, cleaner & non-destructive.



For fast closing of cartons, tray assembly, and wrap-around packaging, tecbond 14 or 214 provide the ideal solution. See also ADJ017 & ADJ018 nozzles for carton closing.

#### Sensitive materials

Spraytec adhesive is ideal for attaching heat-sensitive substrates such as polystyrene, and for achieving wide coverage, making it ideal for pallet stabilisation. See page 15 for details.

used in point of sale displays, having been specially formulated to bond difficult substrates. Protective foams

Attaching protective foams and similar materials to the inside of cardboard or wooden cases is made easy and fast using tecbond hotmelt or spraytec







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### Woodworking with hot melt adhesives

The tec 805-15, 806-12, b-tec 807, tec 820, tec 3400 and tec 6100 are all good options for woodworking

### Still using traditional fastenings?

Did you know that hot melts are faster to apply, create a stronger, cleaner bond, are more efficient and less destructive than cold glue, tape, and staples?

### Not just for bonding

Even though we're very good at it. But with such a comprehensive range of tecbond glues on offer, we've got both bonding **and** wood filling covered. So not only can you assemble things like V-grooves and templates, attach corner blocks and reinforcing cleats to furniture, and even add some decorative mouldings here and there, you can also use tecbond glues to repair knot damage and scratches to wooden surfaces.

### Additional tools

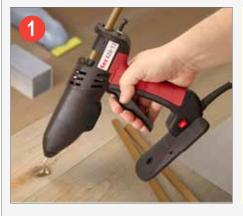
There's the Mouseplane<sup>®</sup> (page 23) to help you trim away wood and dried glue, and extension nozzles are available for filling tricky gaps and voids (see page 18 or call our sales team to find out about more options). If you want a tool that can cope with bonding and wood filling, we'd recommend the tec 820. The adjustable temperature means that it can be turned down to around 160°C-180°C for wood filling (the lower temperature draws less moisture out of the wood), and turned up to around 195°C for bonding wood, as this gives better bond strength. See page 4, or page 11, for more information.

I deal for ... a range of bonding & wood-filling applications

For more information on how tec & tecbond products can

help with your woodworking applications, call our sales

team. You can find our contact details on the back page.





#### Knot filling

Fast and effective repair of knot defects, scratches and other forms of deep wood damage. We'd recommend using the tec 305, or the tec 820 with the temp adjusted to 160°C - 180°C.

#### Assembly

Bond decorative mouldings onto caskets, assemble V-grooves, build templates quickly and easily.





#### Reinforcing

Fasten corner blocks, secure reinforcing cleats to drawer bottoms and wardrobe & cabinet backings, and make mirror to frame fastening quicker and easier.

#### Flooring

Attach wooden gripper rods to flooring in no time, and complete wooden floor repairs with coloured adhesive filler. Call us for more information.

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### Thermostats & gun stands



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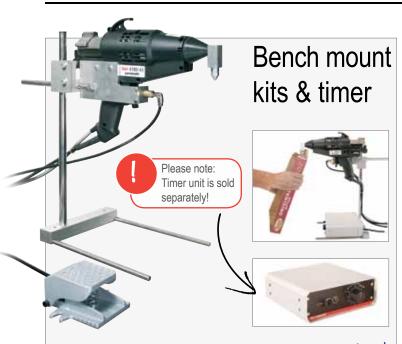
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### **Accessories**



# Reduce fatigue with hands-free operation!

The tec 6100-BMK (Bench Mount Kit) converts your tec 6100 & tec 7100 to a statically mounted, foot operated glue station. It allows the operator to have both hands free for gluing applications, improving productivity by up to 100%.

The tec4000-TK (Timer Control) enables a controlled amount of adhesive to be applied. This improves quality, guarantees consistent bonding and reduces the amount of adhesive used. Can only be used in conjunction with the bench mount kit & workstation.



The tec-AIR 50TDC is an almost silent, compact, air compressor. It weighs just 21 kilos (46lbs), and comes complete with a robust tubular carrying frame. It is rated at 50 l/min (2.15cfm) and works to a maximum pressure of 8 bar (120psi). It is capable of operating up to two tec 6100 or tec 7100 applicators or one tec 6300 or tec 7300 spray applicator intermittently for small area coverage. It can also be used with most other pneumatic tools such as staplers, air brushes and tyre inflators.

Maximum pressure
Maximum volume
Receiver capacity
Voltage
Wattage
Power cable
Weight
Packaging

8bar (120psi) 50 l/min (2.15cfm) 3 litres 230V 340W 2m (61/2 ft) 21kgs (46lbs) Plain box (1 per ctn)



### Spring balancer



The SB-1200 spring balancer is a tool support system with an easily adjustable tension and a maximum cord length of 1.6 metres (5ft). It minimises operator fatigue, increases productivity and prevents tools from being dropped & damaged.

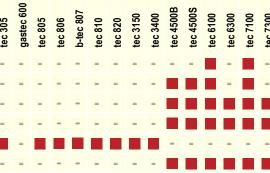


### Pressure regulator



This combined pressure regulator, filter and water separator is ideal for use with the tec 6100, tec 6300, tec 7100 & tec 7300 glue guns. It is used to ensure accurate adhesive dispensing and long tool life.

Reference	Description	tec 305	gastec	tec 805	tec 806	b-tec 8	tec 81(	tec 82(	tec 315	tec 34(
							-			
TEC6100-BMK	Bench mount kit & foot pedal	-	-	-	-	-	-	-	-	-
TEC4000-TK	Timer Control	ζщ.	÷	ζä.	ζщ.	÷.	ζщ.	ζä.	ζщ.	ζ¥.
TEC-AIR50TDC	Silent air compressor	ζщ.	Ξ.	ŝ.	ζü.	Ξ.	) H	Ξ.	Ξ.	ζ¥.
PA6039	Combined pressure regulator, filter and water separator	ζщ.	÷.	Ξ.	ζű.	ŝ.	Ξ.	ŝ	ζщ.	ŝ.
SB-1200	Spring balancer for tools up to 1.5kg (3lbs)		Ξ.							
SB-3000	Spring balancer for tools from 1.5 up to 3kg (3-6.5lbs)	÷	1	ζű.	Ξ.	Ξ.	ŝ.	ŝ.	ŝ.	ζĽ.



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We are a highly motivated, British based, ISO 9001 company. We source our components and raw materials from some of the best companies in the world. Over 90% of our products are manufactured in the UK.



To reduce our impact on the environment our adhesives are often formulated using raw materials that have been harvested from sustainable, managed forests. Our packaging is recyclable and where possible made from recycled materials.





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tec glue guns

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