

spraytec
sprayable adhesive



Effective area coverage suitable for heat sensitive substrates



spraytec sprayable adhesive

Formulations specially developed for wide coverage and heat sensitive substrates

Spraytec® hot melt spray application has revolutionised the use of hot melt adhesive on temperature-sensitive materials, such as plastic foams and films. 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. An additional benefit when using spraytec® adhesive is that there is no waste. Any 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.

Benefits

Spraytec® hot melts offer a range of advantages:

- **Higher instant tack:** very high instant tack permits using less adhesive
- **No waste:** unused adhesive left in the gun re-melts to be used next time it's switched on, cutting down on waste
- **Unlimited shelf life, reduced storage:** the adhesives are clean to handle and can be stored for long periods without risk of expiry, and the cartridges themselves take up very little space in storage
- **No waiting:** there's no downtime waiting for the adhesive to melt
- **Cost effective:** spraytec® adhesives can be used sparingly to achieve a strong bond. There's also no over-spray with spraytec®, reducing cleaning costs
- **No solvent:** spraytec® adhesives contain no harmful chemicals or air-borne particles, not only negating the need for any PPE (personal protective equipment), but also air extraction - a major cost factor both in terms of investment, running cost and regular cleaning of filters
- **Better for the environment and for your operators:** with no solvents, these adhesives are a lot kinder to the planet, and to your workforce
- **No waste can disposal problems:** eliminate the need to dispose of hazardous aerosol cans with residual solvent contents



Advantages over other systems

Other systems have multiple drawbacks when compared to spraytec® adhesives:

- Unlike solvent- and water-based spray adhesives, spraytec® has an unlimited shelf life and does not require any special packaging, transportation, or storage
- Unlike other adhesives, spraytec® will not go air-borne, so there's no risk of contaminating surfaces, jigs and clothing
- Other systems can take time to apply, whereas spraytec® coverage is fast and even

Spraytec® adhesives

Spraytec® high performance 43mm adhesive cartridges, specially designed for use in the tec 6300 & tec 7300, are available to bond virtually any material. The range provides variations in setting time, colour, heat resistance and viscosity to suit almost every application.

1. **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.**
2. **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.**
3. **Bond polystyrene, foam, bubble wrap and other temperature sensitive materials to wood, cardboard and many other substrates.**
4. **Spraytec 410 can be used for improving pallet load stability & safety. Stretch & shrink wrapping can be reduced, and the adhesive is easily removable and non-destructive.**



Formulation	Description	Colour	Open time	Viscosity
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

Tec glue guns

These advanced industrial glue guns can dispense spraytec® hot melt glue at high output rates. Tec guns melt the adhesive on demand: as much as needed, when it's needed, with no downtime waiting for the glue to melt. Just load the tool with glue and it will melt it on demand as the trigger is pulled.



Learn more!
Scan for video



Quick and easy loading of glue



Speedloader reduces downtime



tec 6300

Extremely robust 43mm (1¾") spray glue gun with power-on light. Designed for industrial use, it sprays hot melt at any angle with adjustable spray pattern. A non-toxic adhesive spray system, it covers large areas and applies hot melt to heat sensitive substrates without damage. 8 bar (120psi) 85 l/min (3 cfm) air supply required.

Melt rate	4.2kg (10lbs)/hr
Glue size	43mm (1¾") glue cartridge
Wattage	500W
Power cable	3m (10 ft)
Weight	1.4kg (3lbs)



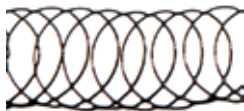
tec 7300

Extremely robust, 43mm (1¾") spray glue gun. Non-toxic adhesive spray system, sprays hot melt at any angle, adjustable spray pattern to cover large areas. Apply hot melt to heat sensitive substrates without damage. Speed loader to reduce downtime, plus power-on light. 8 bar (120psi) 85 l/min (3 cfm) air supply required.

Melt rate	5.25kg (11½lbs)/hr
Glue size	43mm (1¾") glue cartridge
Wattage	1000W
Power cable	3m (10 ft)
Weight	2.3kg (5lbs)

Spray guns

- Designed to apply the glue in a spiral or 'swirl' pattern
- Won't melt styrofoam
- No airborne particles, eliminating the need for respiratory protection
- Keeps workspace clean as there's no overspray



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

Spray nozzles



PA6045



PA6060



PA6064

The tec 6300 & tec 7300 are supplied with a 2mm orifice medium spray nozzle. The spray pattern can be altered by air pressure and the distance you hold the gun from the substrate. Optional nozzle assemblies are available to produce a narrow or wide spray pattern. The caps and valves are colour coded for identification purposes. Standard fitted nozzles are shown in green.

Reference	Type	Description	tec 6300	tec 7300
PA6045	Narrow angle spray nozzle	1.2mm (0.050") orifice (Red)	■	■
PA6046	Narrow angle spray nozzle	1.5mm (0.060") orifice (Red)	■	■
PA6056	Narrow angle spray nozzle	2.0mm (0.080") orifice (Red)	■	■
PA6060	Medium angle spray nozzle	2.0mm (0.080") orifice (Yellow)	■	■
PA6061	Medium angle spray nozzle	1.5mm (0.060") orifice (Yellow)	■	■
PA6064	Wide angle spray nozzle	2.0mm (0.080") orifice (Blue)	■	■

Compressor



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	8bar (120psi)
Maximum volume	50 l/min (2.15cfm)
Voltage	230V
Wattage	340W
Receiver capacity	3 litres
Power cable	2m (6½ ft)
Weight	21kgs (46lbs)
Packaging	Plain box (1 per ctn)

Accessories

Spring balancer and tec mat



The SB-3000 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.



- Silicone rubber drip mat to protect work surfaces

Reference	Description	tec 6300	tec 7300
SB-3000	Spring balancer for tools from 1.5 up to 3kg (3-6.5lbs)	■	■
TEC MAT	Silicone rubber drip mat protects work surface. Size 200mm x 200mm x 1.75mm	■	■

Pressure regulator



Reference	Description	tec 6300	tec 7300
PA6039	Combined pressure regulator, filter and water separator	■	■

Tool box and extension variants

- Holds tool, extension lead, adhesive, and spare nozzles



Extension cordsets are available in lengths of 6m (20ft) or 12m (40ft). The specially adapted versions of the tec 6300 and tec 7300 connect quickly to either length extension.

Reference	Description	tec 6300	tec 7300
ADD053-SPARES	Tool box	■	■
ADD040-6M	6m (20ft) extension lead	■	■
ADD040-12M	12m (40ft) extension lead	■	■
6300-EX	Gun head (120V or 230V)	■	-
7300-EX	Gun head (120V or 230V)	-	■

Gun stand



Reference	Description	tec 6300	tec 7300
PA3096-SPARES	For heavy duty tools, 3000, 6000 & 7000 series (can be wall mounted)	■	■



Europe's leading hot melt adhesive specialist. Offering the largest range of performance adhesives and hand-held applicators.



40+ years' experience, offering specialist knowledge on all aspects of commercial gluing operations.



Advanced technology at our UK facility and a continuous programme of research and development ensures that we continue to meet the ever changing needs of industry.



Our adhesives are often formulated using raw materials harvested from sustainable managed forests. Our packaging is recyclable, and where possible, made from recycled materials.



Over 90% of our products are made in Britain, and we offer 12 months' warranty as standard on all equipment.