

Shaped Hot Melt

# Adhesives Applicator Guide



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# Working together to create long lasting bonds.

As one of the world's leading producers of hand-held industrial adhesive applicators, Power Adhesives offers the largest range of tools on the market. The company's fine-tuned design process means its tools also feature the most technically advanced control systems available.

Tec adhesive applicators can apply hot melt adhesive in bead, dot and even spray patterns, depending on the model selected. 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. The wattage of the tool normally determines the melt rate.

Used around the globe in industrial, professional and DIY environments, Tec adhesive applicators and Tecbond adhesives provide a hot melt system that is fully optimised to deliver reliable, professional results across a range of applications.

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. High performing adhesive applicators designed to be totally reliable in tough industrial environments.

## Markets & Applications

### Construction & Trade

Reliable, effective and trusted adhesive systems designed for heavy-duty construction applications from precast through to electrical systems.



PR

Precast



WC

Woodworking  
& Carpentry

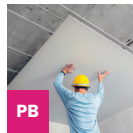
FL

Flooring



EL

Electrical



PB

Plasterboard

### Packaging & Print

Enhance packaging and print operations with high-performance hot melt adhesives. Secure cartons, streamline labelling, and improve overall efficiency.



PA

Packaging



PE

Peelable



PT

Print

### Industrial & Manufacturing

Speed up production processes and strengthen your solutions with our high performance industrial & manufacturing hot melt solutions.



ME

Medical



VI

Vacuum  
Infusion

FC

Foundry Core



EC

Electrical  
Components

### DIY, Home & Recreation

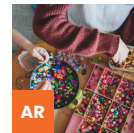
Unlock the potential of your DIY projects with our versatile, high-performance adhesives. Ideal for home improvements and hobbies.



HI

Home  
Improvement

SP

Sports  
Equipment

AR

Arts, Crafts &  
Floristry

### Product Assembly

The backbone of commercial products used on a daily basis, our hot melt technology redefines the construction of both mass-produced and unique products.



AU

Automotive

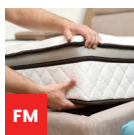


CG

Consumer  
Goods

HV

HVAC



FM

Foam &  
Mattress

#### Adhesive Application Key

X

Match the applicator to your industry.

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# 300 Series









The 300 series tools are the lower-volume tools in the Tec range and designed for DIY and light industrial applications. More robust and efficient than your average entry-level tool, the Tec 305 and Tec 308 have been used in a variety of industries including packaging, woodworking, electrical and hobby & craft. With both tools capable of applying around 1kg of adhesive per hour, they're the perfect tools for applications where smaller amounts of adhesive are required.



## Tec 305-12

Economical, industrial 12mm hot melt applicator. Lightweight and easy-to-use with output of 900g/hr. Available in hot and low melt variants.



	Glue size	12mm (½")
	Weight	400g (14oz)
	Voltage	110-230V
	Wattage	20W (150W)
	Output	900g (2lbs)/hr
	Power Source	Mains powered
	Heater	PTC
	Temperature	130°C (265°F) 195°C (380°F)









Adhesive Application (see page 2)



## Tec 308-12

Lightweight, industrial cordless 12mm hot melt applicator. Features eco-mode setting to extend battery life. Output of 1kg/hr. Compatible with Tec Applicator battery adapters.











	Glue size	12mm (½")
	Weight	360g (12.5oz)
	Voltage	18V
	Wattage	20W (150W)
	Output	1kg (2.2lbs)/hr
	Power Source	Battery powered
	Heater	PTC
	Temperature	195°C (380°F)

Adhesive Application (see page 2)



### Key for adhesive applicators guide

-  **Adhesive Size**  
The diameter of the adhesive for the applicator.
-  **Weight**  
How much the applicator weighs (with no adhesive loaded).
-  **Voltage**  
The voltage that the applicator runs at.
-  **Wattage**  
The wattage that the applicator runs at.
-  **Output**  
The amount of adhesive, per hour, that can be applied by the adhesive applicator.
-  **Power Source**  
The type of power source that the applicator runs on.
-  **Heater**  
The heater component in the applicator.
-  **Temperature**  
The temperature that the applicator runs at.

Scan for more information



# 800 Series









The 800 series tools take DIY and industrial hot melt bonding to the next level. Doubling the adhesive output of the Tec 300 series tools, Tec 800 series tools offer users extended working times and more varied temperature options, depending on the applicator used. For more demanding applications where higher glue output is required, all Tec 800 series tools are available in 15mm models. The larger wattage inside the 15mm models greatly increases the recovery time of heater warmup, which in turn decreases applicator downtime.



## Tec 806-12

Professional, light industrial 12mm hot melt applicator for higher output. Output of 1.7kg/hr. Available in hot and low melt variants. **Available in 15mm (5/8").**



	Glue size	12mm (1/2")
	Weight	640g (22.5oz)
	Voltage	110-230V
	Wattage	25W (250W)
	Output	1.7kg (3.8lbs)/hr
	Power Source	Mains powered
	Heater	PTC
	Temperature	130°C (265°F) 195°C (380°F)









Adhesive Application (see page 2)

WC	FL	EL	ME	FC	EC	AU	CG
PA	PE	PT	HI	AR			

## Tec 808-12

Medium size, cordless 12mm hot melt applicator. Features eco-mode setting to extend battery life. Output of 2kg/hr. Compatible with Tec Applicator battery adapters. **Available in 15mm (5/8").**



	Glue size	12mm (1/2")
	Weight	580g (20.5oz)
	Voltage	18V
	Wattage	20W (150W)
	Output	2.0kg (4.5lbs)/hr
	Power Source	Battery powered
	Heater	PTC
	Temperature	195°C (380°F)









Adhesive Application (see page 2)

WC	FL	EL	ME	FC	EC	AU	CG
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## Tec 830-12

Heavy-duty, industrial 12mm hot melt applicator with adjustable temperature via modules between 130°-215°C. Output of 2.5kg/hr. **Available in 15mm (5/8").**



	Glue size	12mm (1/2")
	Weight	900g (32oz)
	Voltage	120V & 230V
	Wattage	300W
	Output	2.5kg (5.5lb) / hr
	Power Source	Mains powered
	Heater	Cartridge
	Temperature	130°C (265°F) 215°C (419°F)

Adhesive Application (see page 2)

WC	FL	EL	ME	FC	EC	AU	CG
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# 3000 Series









Designed to work with Power Adhesives' specially designed 43mm adhesive slugs, the Tec 3000 series tools provide users with the highest possible output of any bead application tool, without being supplemented by compressed air. With an output of over 3kg per hour for both tools, the 3000 series guns can easily tackle most industrial applications from construction and foundry, to automotive and packaging.



## Tec 3500-43

High output, industrial 43mm hot melt applicator with adjustable temperature via modules ranging between 130°-215°C. Output of 3.4kg/hr.



	Glue size	43mm (1 3/4")
	Weight	1.4kg (3lbs)
	Voltage	120V & 230V
	Wattage	400W
	Output	3.4kg (7.5lb) / hr
	Power Source	Mains powered
	Heater	Cartridge
	Temperature	130°C (265°F) 215°C (419°F)









Adhesive Application (see page 2)



## Tec 3508-43

High output, cordless 43mm hot melt applicator with adjustable temperature via modules ranging between 130°-215°C. Output of 3.2kg/hr.











	Glue size	43mm (1 3/4")
	Weight	1.2kg (2.6lb)
	Voltage	54V
	Wattage	400W
	Output	3.2 kg (7lb) / hr
	Power Source	Battery powered
	Heater	Cartridge
	Temperature	130°C (265°F) 215°C (419°F)

Adhesive Application (see page 2)



### Key for adhesive applicators guide

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The diameter of the adhesive for the applicator.
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How much the applicator weighs (with no adhesive loaded).
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The voltage that the applicator runs at.
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-  **Output**  
The amount of adhesive, per hour, that can be applied by the adhesive applicator.
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The type of power source that the applicator runs on.
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# 6000 Series

The Tec 6000 series tools are designed to withstand the toughest of applications in industrial environments. Pneumatically assisted to increase output and reduce operator fatigue, the 6000 series includes both a bead and spray application tool to suit the requirements of the user. The 6300 spray applicator utilises the air supply to generate a spray/swirl pattern without the use of solvents or canisters.



## Tec 6100-43

Extremely high output, pneumatically assisted 43mm hot melt applicator. Requires compressor and electrical supply. Output of 4.1kg/hr.



	Glue size	43mm (1 3/4")
	Weight	1.4kg (3lbs)
	Voltage	120V & 230V
	Wattage	500W
	Output	4.1kg (9lbs)/hr
	Power Source	Mains powered
	Heater	Cartridge
	Temperature	130°C (265°F) 195°C (380°F)

Adhesive Application (see page 2)

PR PB FC AU CG HV PA PT

## Tec 6300-43

Extremely high output, unique swirl-based 43mm spray adhesive applicator using compressed air and electricity. Output of 4.2kg/hr.



	Glue size	43mm (1 3/4")
	Weight	1.4kg (3lbs)
	Voltage	120V & 230V
	Wattage	500W
	Output	4.2kg (10lbs)/hr
	Power Source	Mains powered
	Heater	Cartridge
	Temperature	180°C (350°F)

Adhesive Application (see page 2)

PR VI FC CG HV FM PA

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# 7000 Series









For the most demanding applications, the Tec 7000 series builds upon the 6000 tools to provide higher output and longer working times. Maintaining a constant temperature thanks to their state-of-the-art cartridge heaters, the large speed loader allows three 43mm slugs to be loaded at once for seamless working with minimal downtime.



## Tec 7100-43

Extremely high output, pneumatically assisted 43mm hot melt applicator. Additional speed loader for extended use. Requires compressor and electrical supply. Output of 5kg/hr.



	<b>Glue size</b>	43mm (1¾")
	<b>Weight</b>	2.3kg (5lbs)
	<b>Voltage</b>	120V & 230V
	<b>Wattage</b>	1000W
	<b>Output</b>	5.0kg (11lbs)/hr
	<b>Power Source</b>	Mains powered
	<b>Heater</b>	Cartridge
	<b>Temperature</b>	130°C (265°F) 195°C (380°F)









Adhesive Application (see page 2)



## Tec 7300-43

Extremely high output, unique swirl-based 43mm spray adhesive applicator using compressed air and electricity. Additional speed loader for extended use. Output of 5.25kg/hr.











	<b>Glue size</b>	43mm (1¾")
	<b>Weight</b>	2.3kg (5lbs)
	<b>Voltage</b>	120V & 230V
	<b>Wattage</b>	1000W
	<b>Output</b>	5.25kg (11.25lbs)/hr
	<b>Power Source</b>	Mains powered
	<b>Heater</b>	Cartridge
	<b>Temperature</b>	180°C (350°F)

Adhesive Application (see page 2)



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The temperature that the applicator runs at.

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