

Hotmelt Applicator BeA 321

The BeA 321 is a very powerful hotmelt glue gun. The highly efficient heater housing and 500 watt power makes it ideal for the most demanding applications. Capable of dispensing up to 4,1 kg of molten hotmelt per hour.

The BeA 321 has many features such as fully enclosed heater housing with silicon rubber nozzle shroud and a power on warning indicator light for extra operator safety. Twin 250 watt stainless steel heaters offer maximum thermal efficiency to provide fast warm up (5 minutes from cold) and even melt rate, a solid long life PTFE barrel and a one piece easy flow nozzle facilitates fast smooth molten glue flow. Glue is dispensed by a pneumatic piston, so the tool is effortless to use. The BeA 321 can never run out of adhesive as a cartridge always remains in the gun at the right temperature. Re-loading takes just seconds.



Compressed air required.

Length: 320 mm
Width: 70 mm
Height: 230 mm

Technical data

Type description:	BeA 321
Article-Code:	12500077
Voltage, power consumption:	220 V, 500 W
Melt rate:	up to 4.1 kg / hour
Initial warm up time:	approx. 5 minutes
Melting time after reloading:	0 seconds
Temperatur control:	195° C thermostat
Feed mechanism:	pneumatic
Operating pressure:	4 – 7 bar
Air consumption at 7 bar:	max. 9 litre / minute
Weight:	1.5 kg

Included in delivery:	Operating instructions, 2 m cable and air hose, suspension ring for balancer, detachable stand with integrated nozzle key, high temperature grease, standard nozzle cap
------------------------------	---

Subject to technical modifications.



This tool conforms to the EG Directive for Machinery (89/392 EWG)

Leaflet BeA 321

Hotmelt Applicator BeA 321



BeA Deutschland
Befestigungstechnik GmbH
Bogenstraße 43 - 45
D-22926 Ahrensburg
POB 1480
D-22904 Ahrensburg
Phone: +49 (0) 4102 78-0
Telefax: +49(0) 4102 78-250
www.bea-group.com
e-mail: info@bea-group.com

Accessories for BeA 321

Article-Code	Description
14501748	180° C thermostat (for bonding heat-sensitive materials)
14501750	220° C thermostat (for hotmelt adhesives with higher application temperatures)

Additional accessories:

Bench mount kit for stationary use, balancer, special nozzles.

For detailed descriptions, please refer to our separate accessories leaflet.

Hotmelt adhesives for BeA 321 (Nominal diameter 43 mm, length 43 mm)

Article-Code	Description	Typical characteristics and applications
11800070	SP 420 / 43	Sprayable hotmelt; can also be used for point and bead application; good adhesion on polyethylene and polypropylene
11800074	HM 502 / 43	Packaging adhesive; fast setting; rigid, firm bond
11800075	HM 532 / 43	Clear; high viscosity; relatively short open time; good adhesion to wide range of materials
11800077	HM 640 / 43	Clear; general purpose; excellent adhesion to a wide range of materials; excellent adhesive performance
11800078	HM 642 / 43	General purpose; excellent adhesion to a wide range of materials such as wood, wood products and plastic; colour: beeswax
11800080	HM 660 / 43	Excellent adhesion even on critical materials such as glass, metal, plastic; very elastic, impact resistant bond
11800084	PA 781 / 43*	Very high heat resistance; impact resistant at low temperatures; excellent adhesion even on critical materials
11800085	PA 782 / 43*	High heat resistance; excellent adhesion on a wide variety of materials
11800086	PA 784 / 43*	High heat resistance; impact resistant at low temperatures; excellent adhesion on a wide variety of materials
11800087	PA 785 / 43*	Fire retardant (with UL approval); high heat resistance; impact resistant at low temperatures; excellent adhesion on a wide variety of materials
11800088	PA 791 / 43*	Very high heat resistance; low viscosity; especially for potting and encapsulating of electronics

Packaging units : HM and SP hotmelts: 10 kg per carton, 360 kg per pallet
PA hotmelts: 11,4 kg per plastic pail, 182,4 kg per pallet

For detailed information on the individual adhesives, please refer to the respective technical data sheets.
Other hotmelt adhesives for special applications are available upon request.

Explanations:

*PA = polyamide-based hotmelt adhesive with a higher melting point,
requires the installation of a 220°C thermostat (Article-Code: 14501750) in the BeA 321.

SP = sprayable polyolefine-based hotmelt adhesive

HM = Schmelzkleber auf Ethylen-Vinylacetat-Basis