

# Dispensing

## Hot Melt Applicators

Loctite® Hysol™ hot melt applicators are state-of-the-art dispensing units designed for the application of hot melt adhesives. These units combine ergonomics, user-friendly design, and reliability. Selection of a Loctite® brand hot melt applicator should be based on the type of hot melt being used, stick diameter, and process requirements.



	Loctite® Hysol™ Reactive Urethane Cartridge Dispenser	Loctite® Hysol™ 050-LITE	Loctite® Hysol™ 050/ Hysol™ 050-HT	Loctite® Hysol™ 050-GAS	Loctite® Hysol™ 075/ Hysol™ 075-LT	Loctite® Hysol™ 175
Item #	98011	98029	98030 / 98031	98032	98033/98034	98035
Page Ref.	24	24	25	25	26	26
Nominal Stick Diameter	N/A	0.50" Supersticks™	0.50" Supersticks™	0.50" Supersticks™	0.75" Maxisticks™	1.75" Polyshot™ Sticks
Dispense Melt Rate (lbs./hr.)	>3	1.0	3.0 / 4.0	3.0	9.0/5.0	6.6
Applicator Adh. Capacity (lbs.)	300 ml	0.04	0.04	0.04	0.12	0.125
Heat Source	Electric	Electric	Electric	Butane	Electric	Electric
Dispense Power	Air	Manual	Manual	Manual	Manual	Manual
Dispense Temp. (°C)	121	200	195/215	195	182/121	195/215*
Hot Melt Chemistry	Reactive Urethane	EVA/ Polyolefin	EVA/ Polyamide/ Polyolefin	EVA/ Polyolefin	EVA/ EVA CoolMelt™	EVA & Polyamide

	Loctite® Hysol™ 175-AIR	Loctite® Hysol™ 175-AIR HT	Loctite® Hysol™ 175-SPRAY	Loctite® Hysol™ 175-SPRAY HT	Loctite® Hysol™ Wheelcoater	Loctite® Bench Mount Kit & Pneumatic Timer
Item #	98036	98040	98037	98041	98038	98042/98043
Page Ref.	27	27	28	28	29	29
Nominal Stick Diameter	1.75" Polyshot™ Sticks	1.75" Polyshot™ Sticks	1.75" SprayPac® Polyshot™ Sticks	1.75" SprayPac® Polyshot™ Sticks	Bulk	N/A
Dispense Melt Rate (lbs./hr.)	8.8	8.8	8.0	8.0	N/A	N/A
Applicator Adh. Capacity (lbs.)	0.125	0.125	0.125	0.125	3	N/A
Heat Source	Electric	Electric	Electric	Electric	Electric	N/A
Dispense Power	Air	Air	Air	Air	Electric	N/A
Dispense Temp. (°C)	195	215	180	195	190	N/A
Hot Melt Chemistry	EVA	Polyamide	EVA Spray Adhesive	Polyamide Spray Adhesive	EVA Bulk Pellets	EVA/ Polyamide

\*The Loctite® Hysol™ 175 applicator (manual electric) is supplied with both temperature modules.

## Loctite® Hysol™ Reactive Urethane Cartridge Dispenser, Item 98011

The Loctite® Hysol™ Reactive Urethane Cartridge Dispenser for 300 ml cartridges is used to manually dispense dots or beads of Loctite® brand Hysol® Reactive Polyurethane Hot Melts. With a fixed dispense temperature set at 250°F, this system includes a pressure-regulating stand with optional vertical application stand and foot switch for hands-free application. Using a cartridge keeps the product isolated from the reservoir to eliminate contamination. To minimize cartridge changeover times, the Loctite® Cartridge Pre-Heater (98012) is recommended, see options below.

### Features

- Lightweight, well balanced, and ergonomically designed for operator comfort and application control
- Low actuation force to reduce finger fatigue
- Electronic temperature control
- Rugged molded thermoset plastic housing for “cool to the touch” operation up to 250°F
- Fixed precision temperature: 250°F (121°C)
- Single cartridge loading
- Direct nozzle cartridge mounting for quick cartridge changeover
- Various nozzles for different dispense patterns

### Theory of Operation

This unit is used in the manual mode, where the operator manually begins and terminates the pneumatic dispense cycle by a hand trigger. Flow control is achieved by adjusting the regulator supplied on the base of the unit.

### Technical Specifications

Required Utilities	Voltage: 120 VAC, 60 Hz, single phase
	Power: 400 Watts
	Air Input: 80 psi air, filtered to 40 micron
Warm-up time:	7-10 minutes
Adhesive:	Dispenses 300 cc aluminum cartridge
Air Output:	90 psi max
Size:	3.05" W x 12.53" L x 10.25" H
Weight:	3 lbs.



### Typical Adhesives Handled

Loctite® brand Hysol® reactive urethane hot melts

### List of Loctite® Brand Parts Supplied

- (1) Hysol™ Reactive Urethane Cartridge Dispenser
- (1) Base with Regulator and Gauge
- (1) 300 cc Cartridge Adapter
- (1) Nozzle with Cap
- (1) Heat Resistant Gloves
- (1) Cartridge Piercer
- (1) Tubing Assembly
- (1) Wire Stand
- (1) Manual

### Options

98012 Loctite® Cartridge Pre-Heater

### Additional Information

For Hot Melt Nozzles and Accessories, see page 30.

## Loctite® Hysol™ 050-LITE Hot Melt Applicator, Item 98029

The Loctite® Hysol™ 050-LITE Hot Melt Applicator is a hand held applicator used for dispensing 0.50" diameter EVA sticks. The operating temperature of the unit is set at 200°C. This applicator weighs less than a pound, and is ideal for hobby, craft, and light duty industrial applications. A wire stand and nozzle are included.

### Features

- Lightweight, well balanced, and ergonomically designed for operator comfort and application control
- Completely enclosed heater housing for maximum safety
- Fast heat up time for virtually immediate use
- State-of-the-art self-regulating heater for accuracy in temperature control
- Electrically double insulated for additional safety

### Technical Specifications

Required Utilities	Voltage: 100-240 VAC, 50-60 Hz
	Power: 400 W heat up, 45 W operating, 20 W rest
Warm-Up Time:	5-7 minutes
Power Cord Length:	78"
Dispense Temperature:	200°C
Stick Diameter:	0.50" Supersticks™
Max Extension Cable:	65 feet
Wire Cross-Section:	At least 16 a.w.g.
Dispense Melt Rate:	1.0 lbs./hour
Applicator Capacity:	0.04 lbs.
Size:	1 $\frac{5}{16}$ " W x 8" L x 6 $\frac{9}{16}$ " H
Weight:	.75 lbs.



### Theory of Operation

The dispense rate and timing are manually controlled with the trigger mechanism.

### Typical Adhesives Handled

Loctite® Hysol® 0.50" diameter EVA and Polyolefin hot melt sticks

### List of Parts Supplied

- (1) Hysol™ 050-LITE Hot Melt Applicator
- (1) Nozzle
- (1) Wire Stand
- (1) Manual

### Additional Information

For Hot Melt Nozzles and Accessories, see page 30.

## Loctite® Hysol™ 050/Hysol™ 050-HT Hot Melt Applicators, Items 98030, 98031

The Loctite® Hysol™ 050 and 050-HT Hot Melt Applicators are industrial grade, hand held applicators used for dispensing 0.50" diameter sticks. The Loctite® Hysol™ 050 is set at 195°C for dispensing EVA hot melts and the Loctite® Hysol™ 050-HT is set at 215°C for dispensing polyamide hot melts.

### Features

- Lightweight, well balanced, and ergonomically designed for operator comfort and application control
- Fast heat up time for virtually immediate use
- Completely enclosed heater housing for maximum safety
- Fixed precision thermostat temperature control for consistent heating

### Theory of Operation

The dispense rate and timing are manually controlled with the trigger mechanism.

### Technical Specifications

Required Utilities	Voltage: 120 VAC, 60 Hz, single phase Power: 400 Watts
Warm-Up Time:	4-5 minutes
Dispense Temperature:	Loctite® Hysol™ 050 - 195°C Loctite® Hysol™ 050-HT - 215°C
Dispense (Melt) Rate:	Loctite® Hysol™ 050 - 3 lbs./hr. Loctite® Hysol™ 050-HT - 4 lbs./hr.
Applicator Adhesive Capacity:	0.04 lbs.
Nominal Stick Diameter:	0.50" Supersticks™
Power Cord Length:	78"
Max Extension Cord:	65 feet
Wire Cross-Section:	16 a.w.g. minimum
Size:	3.00" W x 10.25" L x 7.50" H
Weight:	1.15 lbs.



### Typical Adhesives Handled

0.50" diameter EVA and Polyolefin hot melts - Loctite® Hysol™ 050 (98030)  
0.50" diameter Polyamide hot melts - Loctite® Hysol™ 050-HT (98031)

### List of Loctite® Brand Parts Supplied

- (1) Hysol™ 050 or 050-HT Hot Melt Applicator
- (1) Standard Nozzle
- (1) Plastic Stand
- (1) Wire Hanger
- (1) Manual

### Additional Information

For Hot Melt Nozzles and Accessories, see page 30.

## Loctite® Hysol® 050-GAS Hot Melt Applicator, Item 98032

The Loctite® Hysol™ 050-GAS Hot Melt Applicator is an industrial grade, hand held, cordless system used for dispensing 0.50" diameter EVA sticks. There is no electrical utility requirement, as butane gas is used as the source of energy. The operating temperature of the unit is set at 195°C. Designed for use where the application of 0.50" diameter EVA hot melts is desired, this dispenser is ideally suited for outdoor and indoor applications, where access to electrical power is not practical.

### Features

- Well balanced and ergonomically designed for operator comfort and application control
- Low actuation force to reduce finger fatigue
- Regulated temperature control for consistent heating
- Gas powered for portability and versatility

### Technical Specifications

Required Utilities	Fuel:	Braun, Calibri, Ronson, Rowenta, or other high quality cigarette lighter fuels
Warm-Up Time:		4-7 minutes
Dispense Temperature:		195°C
Nominal Stick Diameter:		0.50" Supersticks™
Dispense (Melt) Rate:		3 lbs./hr.
Applicator Adhesive Capacity:		0.04 lbs.
Size:		3.00" W x 13.75" L x 10.50" H
Weight:		1.7 lbs.

### Typical Adhesives Handled

0.50" diameter EVA and polyolefin hot melt sticks



### Theory of Operation

The dispense quantity and timing are manually controlled with the trigger mechanism.

### List of Loctite® Brand Parts Supplied

- (1) Hysol™ 050-GAS Hot Melt Applicator
- (1) Plastic Stand
- (1) Standard Nozzle
- (1) Manual

### Additional Information

For Hot Melt Nozzles and Accessories, see page 30.

## Loctite® Hysol™ 075/Hysol™ 075-LT Hot Melt Applicators, Items 98033, 98034

The Loctite® Hysol™ 075 and 075-LT Hot Melt Applicators are industrial grade, hand held applicators and are the industry's price leaders where high volumes of 0.75" diameter hot melts are required. The Hysol™ 075 is set at 182°C for dispensing standard EVA hot melts. The Loctite® Hysol™ 075-LT is set at 121°C for dispensing CoolMelt™ EVA sticks, to reduce the risk of operator burns over conventional applicators. It is ideally suited for applications requiring rapid dispensing where frequent re-loading is undesirable.

### Features

- Lightweight, well balanced, and ergonomically designed for operator comfort and application control
- Full-hand trigger for minimized operator fatigue
- Completely enclosed heater housing for maximum safety
- Fast heat up time for virtually immediate use
- Highest output, hand held dispenser in its class
- Fixed precision thermostat temperature control for consistent heating
- Thermal fuse protection for additional safety
- Multiple stick loading with a detachable top-mounted speed loader (included)

### Theory of Operation

The dispense rate and timing are manually controlled with the trigger mechanism. A high adhesive dispense rate, a large adhesive loading capacity, and ease of application are the trademarks of this applicator.

### Technical Specifications

Required Utilities	Voltage:	120 VAC, 60 Hz, 120V, 3.3 amp single phase
	Power:	400 Watts
Warm-Up Time:		5 minutes
Dispense Temperature:		Loctite® Hysol™ 075 - 182°C Loctite® Hysol™ 075-LT - 121°C
Dispense (Melt) Rate:		Loctite® Hysol™ 075 - 9 lbs./hr. Loctite® Hysol™ 075-LT - 5 lbs./hr.
Applicator Adhesive Capacity:		0.12 lbs.
Nominal Stick Diameter:		0.75" Maxisticks™



### Technical Specifications (continued)

Power Cord Length:	78"
Max Extension Cord:	65' long
Wire Cross-Section:	16 a.w.g. minimum
Size:	1 7/8" W x 1 1/4" L x 9/4" H
Weight:	1.9 lbs.

### Typical Adhesives Handled

- 0.75" EVA hot melt sticks - Loctite® Hysol™ 075 (98033)
- 0.75" Loctite® Hysol® CoolMelt™ EVA hot melt sticks - Loctite® Hysol™ 075-LT (98034)

### List of Loctite® Brand Parts Supplied

- |                                     |                     |
|-------------------------------------|---------------------|
| (1) Hysol™ 075 or 075-LT Applicator | (1) Speed Loader    |
| (1) Plastic Dispenser Stand         | (1) Standard Nozzle |
| (2) Stand-Off Wings                 | (1) Manual          |

### Additional Information

For Hot Melt Nozzles and Accessories, see page 30.

## Loctite® Hysol™ 175 Hot Melt Applicator, Item 98035

The Loctite® Hysol™ 175 Hot Melt Applicator is an industrial grade, hand held applicator. This applicator is designed for use where medium-to-high volume, manual application of Loctite® Hysol® 1.75" diameter EVA and Polyamide hot melts are desired. The applicator includes a plug-in thermostat at 195°C for EVA hot melts and a plug-in thermostat at 215°C for polyamide hot melts. It is ideally suited for applications requiring rapid dispensing where frequent re-loading is undesirable.

### Features

- Includes two plug-in modules for dispensing both Polyamide and EVA hot melts
- Lightweight, well balanced, and ergonomically designed for operator comfort and application control
- Completely enclosed heater housing for maximum safety
- Fast heat up time for virtually immediate use
- Advanced electronic controller provides power saving mode, when not in use for long periods of time
- Fixed precision thermostat (plug-in module) for consistent heating
- Thermal fuse protection for additional safety

### Technical Specifications

Required Utilities	Voltage:	110-120 VAC, 50/60 Hz
	Power:	400 W
Warm-Up Time:		5-7 minutes
Dispense Temperature:		195°C or 215°C
Dispense (Melt) Rate:		6.6 lbs./hr.
Applicator Adhesive Capacity:		0.125 lbs.
Nominal Stick Diameter:		1.75" Polyshot™ Sticks
Power Cord Length:		10'
Max Extension Cord:		65'
Wire Cross-Section:		16 a.w.g. minimum



### Technical Specifications (continued)

Size:	2 1/16" W x 12 1/4" L x 9 5/8" H
Weight:	2.65 lbs.

### Theory of Operation

The dispense rate and timing are manually controlled with the trigger mechanism.

### Typical Adhesives Handled

- Loctite® Hysol® 1.75" diameter EVA and Polyamide hot melt sticks

### List of Loctite® Brand Parts Supplied

- |                            |                            |
|----------------------------|----------------------------|
| (1) Hysol™ 175 Applicator  | (1) Plug-In Module (215°C) |
| (1) Plastic Stand          | (1) Standard Nozzle        |
| (1) Plug-In Module (195°C) | (1) Manual                 |

### Additional Information

For Hot Melt Nozzles and Accessories, see page 30.

# Loctite® Hysol™ 175-AIR/Hysol™ 175-AIR-HT Hot Melt Applicators, Items 98036, 98040

The Loctite® Hysol™ 175-AIR and 175-AIR-HT Hot Melt Applicators are industrial grade, hand held pneumatic applicators used for dispensing Loctite® Hysol® 1.75" diameter EVA and Polyamide hot melt sticks, where medium to high volume, pneumatically powered applications are desired. The Loctite® Hysol™ 175-AIR is set at 195°C for dispensing EVA hot melts and the Loctite® Hysol™ 175-AIR-HT is set at 215°C for dispensing polyamide hot melts. They are ideally suited for applications requiring rapid hand held dispensing where frequent re-loading is undesirable.

## Features

- Lightweight, well balanced, and ergonomically designed for operator comfort and application control
- Pneumatically powered actuation to reduce operator fatigue
- High melt rate for maximum output
- Completely enclosed heater housing for maximum safety
- Fixed precision thermostat temperature control for consistent heating

## Theory of Operation

The dispense rate is controlled by the air pressure, and the timing is controlled by the trigger mechanism. Pneumatically powered dispensing reduces operator fatigue.

## Technical Specifications

Required Utilities	Voltage:	110-120 VAC, 50/60 Hz
	Power:	500 Watts
	Air Input:	45-100 psi
Warm-Up Time:		10 minutes
Dispense Temperature:	Loctite® Hysol™ 175-AIR -	195°C
	Loctite® Hysol™ 175-AIR-HT -	215°C
Dispense (Melt) Rate:	Loctite® Hysol™ 175-AIR -	8.8 lbs./hr.
	Loctite® Hysol™ 175-AIR-HT -	8.8 lbs./hr.
Applicator Adhesive Capacity:		0.125 lbs.
Nominal Stick Diameter:		1.75" Polyshot™ Sticks
Power Cord length:		10'
Max Extension Cord:		65'
Wire Cross-Section:		16 a.w.g. minimum
Size:		2 <sup>17</sup> / <sub>32</sub> " W x 11 <sup>13</sup> / <sub>16</sub> " L x 9 <sup>15</sup> / <sub>32</sub> " H
Weight:		3.89 lbs.



## Typical Adhesives Handled

EVA Hot Melts - Loctite® Hysol™ 175-AIR (98036)  
Polyamide Hot Melts - Loctite® Hysol™ 175-AIR-HT (98040)

## List of Loctite® Brand Parts Supplied

- (1) Hysol™ 175-AIR or Hysol™ 175-AIR-HT Applicator
- (1) Plastic Stand
- (1) Valve Body Air Line Adapter
- (1) Standard Nozzle
- (1) Manual

## Options

98042	Loctite® Hot Melt Bench Mount Kit
98043	Loctite® Hot Melt Pneumatic Timer
985397	Loctite® Air Line Filter, Regulator, Gauge

## Additional Information

For Hot Melt Nozzles and Accessories, see page 30.

For the name and number of your nearest distributor, call:  
**1-800-LOCTITE (562-8483)**  
or use the  
"Distributor Locator"  
under "Quick Content Links" at:

[www.loctite.com](http://www.loctite.com)



## Loctite® Hysol™ 175-SPRAY/Hysol™ 175-SPRAY-HT Hot Melt Applicators, Items 98037, 98041

The Loctite® Hysol™ 175-SPRAY and 175-SPRAY-HT Hot Melt Applicators are patented, industrial grade, hand held pneumatic applicators used for spraying 1.75" diameter EVA and polyamide spray sticks. These applicators are designed to rapidly cover a large area with a hot melt adhesive. They are commonly used to replace duct tape, staples, beads of adhesives, and other fastening techniques for large areas. The Loctite® Hysol™ 175-SPRAY is set at 180°C for dispensing EVA hot melts and the Loctite® Hysol™ 175-SPRAY-HT is set at 195°C for dispensing polyamide hot melts.

### Features

- Adjustable flow control for tailoring the spray pattern
- Patented spray technology for small or large spray pattern
- Automatic end-of-cycle purge to prevent nozzle clogging
- Light weight, well balanced, and ergonomically designed for operator comfort and application control
- Pneumatically powered actuation to reduce operator fatigue
- High melt rate for maximum output
- Completely enclosed heater housing for maximum safety
- Fixed precision thermostat temperature control for consistent heating

### Theory of Operation

By using the air flow control, the spray pattern can be varied from a narrow to a wide spiral pattern. The dispense rate is controlled by the air pressure, and the timing is controlled with the trigger mechanism. Pneumatically powered dispensing reduces operator fatigue.

### Technical Specifications

Required Utilities	Voltage: 110-120 VAC, 50/60 Hz
	Power: 500 Watts
	Air Input: 45-100 psi
Warm-Up Time:	10 minutes
Dispense Temperature:	Loctite® Hysol™ 175-SPRAY - 180°C Loctite® Hysol™ 175-SPRAY-HT - 195°C
Dispense (Melt) Rate:	Loctite® Hysol™ 175-SPRAY - 8 lbs./hr. Loctite® Hysol™ 175-SPRAY-HT - 8 lbs./hr.
Applicator Adhesive Capacity:	0.125 lbs.
Nominal Stick Diameter:	1.75" SprayPac® Polyshot™ Sticks
Power Cord Length:	10 feet
Max Extension Cord:	65 feet
Wire Cross-Section:	16 a.w.g. minimum



### Technical Specifications (continued)

Spray Pattern:	Ultra-wide spray nozzle – 1½" min., 6" max. Standard medium spray nozzle – 1¼" min., 5" max. Narrow spray nozzle – ½" min., 1¼" max.
Size:	2½" W x 11¼" L x 9½" H
Weight:	4 lbs.

### Typical Adhesives Handled

EVA spray hot melts - Loctite® Hysol® 175-SPRAY (98037)  
Polyamide spray hot melts - Loctite® Hysol® 175-SPRAY-HT (98041)

### List of Loctite® Brand Parts Supplied

- (1) Hysol™ 175-SPRAY or Hysol™ 175-SPRAY-HT Spray Applicator
- (1) Plastic Stand
- (1) Valve Body Air Line Adapter
- (1) Standard Wide Spray Nozzle
- (1) Manual

### Options

985397 Air Line, Filter, Regulator, Gauge

### Additional Information

For Hot Melt Nozzles and Accessories, see page 30.

*For Equipment and Adhesive Troubleshooting  
Go To "Technical Resources" and Select  
"Product Troubleshooting" at:*



## Loctite® Hysol™ Wheelcoater, Item 98038

The Loctite® Hysol™ Wheelcoater is a bulk hot melt adhesive transfer machine used to apply a continuous film of hot melt adhesive to the surface of a part. The Wheelcoater is ideally suited for any application where a large, flat surface requires the rapid application of a hot melt adhesive. Typical examples are protective foam inserts for cardboard boxes and other packaging, wood/plastic panels, etc.

### Features

- Transfer surface of the roller is knurled to hold a greater volume of adhesive
- Adjustable blade controls the thickness of the adhesive film
- Variable speed electric motor does not rotate until adhesive is at application temperature
- Roller is designed for re-application of hot melt adhesive for continuous use
- Three heater design offers heating efficiency and consistency
- A temperature control switch and thermometer accommodate application temperatures of various hot melts

### Technical Specifications

Required Utilities	Power Supply: 120 VAC, 15A, single phase
	Power: 1100 Watts
Warm-Up Time:	30 minutes
Roller Surface Speed:	10-40 feet per minute
Operating Temperature:	Factory set 190°C, adjustable from 10°C-315°C
Size:	15" W x 6¼" H x 22½" D
Roller Length:	6"
Weight:	58 lbs.



### Theory of Operation

The Loctite® Hysol™ Wheelcoater is made up of an adhesive reservoir, three heaters, and a transfer roller, which is driven by a variable speed electric motor. The thickness of the adhesive film is fully adjustable. The system will apply up to a 6 inch wide band of hot melt adhesive, providing maximum productivity when covering large surfaces. The adhesive is applied by passing the surface of the part over a rotating roller. A film of adhesive is transferred from the roller to the part. With each rotation the roller is automatically recoated.

### Typical Adhesives Handled

Bulk hot melt adhesives. The Loctite® Hysol™ Wheelcoater is factory preset to handle most EVA adhesives.

### List of Loctite® Brand Parts Supplied

- |                        |                 |
|------------------------|-----------------|
| (1) Hysol™ Wheelcoater | (5) Spare Fuses |
| (1) Tube Grease        | (1) Manual      |

## Loctite® Hot Melt Bench Mount Kit, Item 98042

## Loctite® Hot Melt Pneumatic Timer, Item 98043

The Loctite® Hot Melt Bench Mount Kit is used for converting the Loctite® Hysol™ 175-AIR or 175-AIR-HT applicator into a hands-free, bench-top dispenser. The Loctite® Hot Melt Pneumatic Timer is used in conjunction with the Loctite® Hot Melt Bench Mount Kit and Loctite® Hysol™ 175-AIR/AIR-HT applicator for "controlled" dot dispensing. These units are used for any hot melt application where holding an applicator is not desirable. This is especially relevant to applications where the part itself must be moved. Typical applications include: cardboard boxes and related packaging materials, wood and plastic panels, furniture components, etc.

### Features

#### Loctite® Hot Melt Bench Mount Kit

- Ready-made bench-top stand easily attaches to the Loctite® Hysol™ 175-AIR or 175-AIR-HT applicator, and includes a pneumatic actuator and foot switch
- Included right angle adapter accepts any Loctite® brand hot melt nozzle
- Note: the applicator is sold separately

#### Loctite® Hot Melt Pneumatic Timer

- Directly accepts the Loctite® Hot Melt Bench Mount Kit
- Programmable timer from 0-1 sec for controlled dot dispensing
- Internal pneumatic timing device requires no electrical connection
- Includes a manual mode for set-up and purging

### Theory of Operation

By simply pushing the included foot switch, an operator can dispense beads or dots of hot melt adhesives onto a part without the hindrance of holding the applicator. By using the preset timer, each push of the foot switch will dispense a single controlled dot of adhesive.

### Technical Specifications

Required Utilities	Air Input: 60-100 psi
Size:	Loctite® Hot Melt Bench Mount Kit: 13" W x 8" L x 17" H Loctite® Hot Melt Pneumatic Timer: 7.5" W x 7" L x 2.5" H
Weight:	Loctite® Hot Melt Bench Mount Kit: 5.4 lbs. Loctite® Hot Melt Pneumatic Timer: 2.6 lbs.



### List of Loctite® Brand Parts Supplied

#### Loctite® Hot Melt Bench Mount Kit

- (1) Stand with Pneumatic Actuator
- (1) Foot Switch
- (1) Right Angle Adapter for Nozzle
- (1) Manual

#### Loctite® Hot Melt Pneumatic Timer

- (1) Pneumatic Timer
- (1) Manual

### Additional Information

For Hot Melt Nozzles and Accessories, see page 30.

# Loctite® Brand Hot Melt Nozzles and Accessories

Product	Item #	Description	Used With
	985225	Standard 1-Hole Nozzle, 0.08" Diameter Cone Tip, 5 pk	98030, 98031, 98032, 98033, 98034, 98035, 98036, 98040
	985110	2-Hole Nozzle, .06" dia. x .39" spacing	98030, 98031, 98032, 98033, 98034, 98035, 98036, 98040
	985111	3-Hole Nozzle, .06" dia. x .20" spacing	98030, 98031, 98032, 98033, 98034, 98035, 98036, 98040
	985112	Diagonal Extension Nozzle, Tip = .14" dia. x 1.23" long	98030, 98031, 98032, 98033, 98034, 98035, 98036, 98040
	985113	Needle Extension Nozzle, Tip = .05" dia. x 1.32" long	98030, 98031, 98032, 98033, 98034, 98035, 98036, 98040
	985114	Spreader Extension Nozzle, Tip = (.09" x .25") sq. x 1.32" long	98030, 98031, 98032, 98033, 98034, 98035, 98036, 98040
	985115	L-Nozzle, .06" dia. x .85" offset	98033, 98034, 98035, 98036, 98040
	985116	T-Nozzle, .06" dia. x 1.5" spacing	98033, 98034, 98035, 98036, 98040
	985088	Standard Adapter/Check Valve for Nozzles	98030, 98031, 98032, 98035, 98036, 98040
	ANZ023N01	Standard Adapter/Check Valve/Jam Nut for Nozzles	98033, 98034
	985216	Ultra Wide Spray Nozzle, 1.5" - 6.0" dia. pattern	98037, 98041
	985211	Narrow Spray Nozzle, .05" - 1.25" dia. pattern	98037, 98041
	985122	Standard Medium Spray Nozzle, 1.25" - 5.0" dia. pattern	98037, 98041
	984999	Standard 1-Hole Nozzle, with Integral Check Valve, Tip = .10" dia. x .16" long	98029
	985002	Pencil Point Nozzle, with Integral Check Valve, Tip = .08" dia. x .24" long	98029
	985003	Precision Nozzle, with Integral Check Valve, Tip = .05" dia. x .20" long	98029
	985004	Extension Nozzle, with Integral Check Valve, Tip = .10" dia. x .50" long	98029
	985001	Spreader Nozzle, with Integral Check Valve, Tip = (0.08" x 0.25") sq. x 0.47" long	98029

Product	Item #	Description	Used With
	98012	Cartridge Pre-Heater, holds (2) 300 ml cartridges	98011
	984261	Standard Adapter for 300 ml Cartridges	98011
	984262	Standard 1-Hole Nozzle, 0.098" dia. cone tip, with integral check valve (Includes protective cap)	98011
	984272	Injection Needle Nozzle, with Integral Check Valve, Tip = .059" dia. x .197" long	98011
	984263	Adapter/Check Valve for Specialty Nozzles	98011
	984264	Needle Jet Nozzle, Tip = .051" dia. x 1.26" long (Requires 984263 adapter)	98011
	984265	Diagonal Extension Nozzle, Tip = .123" dia. x 1.276" long (Requires 984263 adapter)	98011
	984266	Flat Spreader Nozzle, Tip = (.084" x .177") sq. x 1.237" long (Requires 984263 adapter)	98011
	984267	2-Hole Nozzle, .06" dia. x .39" spacing (Requires 984263 adapter)	98011
	984268	3-Hole Nozzle, .06" dia. x .20" spacing (Requires 984263 adapter)	98011
	985243	Tool Hanger/Balancer	All Hot Melt Applicator Guns
	985397	Air Line Filter, Regulator, Gauge 0-150 psi	All Pneumatic Applicators
	985087	Heavy Duty Metal Stand for Bench Top or Wall Mounting	98030, 98031, 98032, 98035, 98036, 98037, 98040, 98041

For custom hot melt dispense nozzles, contact the Henkel Special Equipment Group at 1-800-LOCTITE (562-8483).