

LOCTITE®

Dispensing Equipment



Henkel



Selection Table

Loctite® products are used for a wide variety of bonding, threadlocking, retaining, gasketing and sealing applications.

For users requiring precise and automated dispensing, Henkel has developed equipment especially designed for economical, fast, precise and clean application of adhesives and chemical sealants as beads, drops or continuous rings. Henkel provides a complete line of dispensing equipment, ranging from simple hand-held dispensers to fully automated systems. Ultraviolet curing system to suit application needs are also available.

Loctite® One Component Adhesives/Sealants:

Equipment		Assembly Loctite® Anaerobic Adhesives/Sealants			Instant Bonding Loctite® Cyanoacrylate Adhesives/Sealants			Flexible Bonding & Sealing Loctite® Silicone/Polyurethane/MS Sealant		
		Manual	Semi-Automatic	Automatic	Manual	Semi-Automatic	Automatic	Manual	Semi-Automatic	Automatic
Syringe	10 ml & 30 ml	98026**	98666*	97006	n.a.	97006 (only Gel-CA 454)		Please contact your local Technical Support		
	Bottle	50 ml	98414	98548 (non thixotropic)		98548				
		250 ml	97001	97009	T: 97106	n.a.				
	500 g	n.a.			98548	97009	T: 97106			
Cartridge	300 ml	97002	n.a.	T: 97631*	n.a.		T: 97631*	97002		
Plastic tube	250 ml	97002	n.a.		n.a.			n.a.		
Pails	20 kg	n.a.			n.a.			97560*		
Integrated Tank Controller		97004*	97009		97003*	97009		Please contact your local Technical Support		
Controller (requires Tank T)				97123			97123			
Valves	low flow	97131*	97121	98009*	97131*	97121	98013			
	high flow	97112*	97130	97114		97130	97134*			

* This product is not represented in this brochure, for further details please contact your local technical support. **Only for 30 ml.

Light Curing Loctite® UV Adhesives	Manual	Semi-Automatic	Automatic
		98591	97055

Loctite® Two Component Adhesives:

		Structural Bonding Loctite® Epoxy/Acrylic/Methacrylate				Mixing Nozzle
		Handheld Manual	Handheld Pneumatic	Semi-Automatic	Automatic	
Twin cartridge	50 ml	96001	97042*	Please contact your local Technical Support		984569*
	200 ml	96003	983437			984570*
	400 ml	983438*	983439			984570*
Pails	1 kg & 20 kg					

* This product is not represented in this brochure, for further details please contact your local technical support.

Henkel offers the appropriate mixing nozzle for each product & equipment:



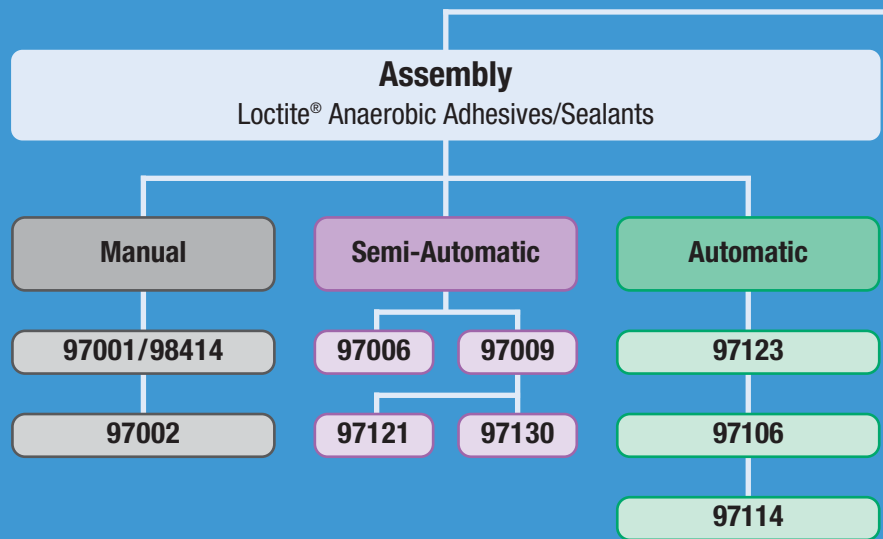
Henkel can provide you with a large choice of needles and accessories to optimise your application:



This is a selection from our extensive range of equipment. If you need more information, please contact us for a copy of our Equipment Sourcebook.

Which Loctite® product are you using?

Loctite® One Component Adhesives/Sealants



97001/98414

Peristaltic Hand Pump

- Mounts easily on any Loctite® 50 ml (98414) and 250 ml (97001) bottle, converting the bottle into a portable dispenser
- Controlled amount of adhesive
- 98414 comes with a stand to stabilise 50 ml bottle



97002

300 ml Cartridge Pneumatic Dispenser

- Dispenses all Loctite® products packaged in a 250 ml tube or in a 300 ml cartridge
- Integrated pressure regulator allowing user to control the flow rate
- Quick pressure relief valve



98548

Volumetric Dispenser

- For low viscosity, non-thixotropic adhesives
- For precise dosing and controlled flow rate
- Usable as manual or semi-automatic workstation
- No air source required



97006

Precision Syringe Dispenser – Digital

- Accurate dispensing of viscosities from water-thin to paste-like
- For products packaged in 10, 30, 55, and 300 ml syringes
- Delivers precise dots in a timed mode, or beads or potting, in a continuous mode



97009

Integrated Semi-Automatic Dispensing System

- Combines both a controller and reservoir into a single unit
- Provides digital timing control
- Can be actuated either by a footswitch or fingerswitch
- Provides empty and end-of-cycle signal



Instant Bonding

Loctite® Cyanoacrylate Adhesives/Sealants

Flexible Bonding and Sealing

Loctite® Silicone/Polyurethane/MS Sealant

Manual

Semi-Automatic

Automatic

Manual

Semi-Automatic

98548

97009

97123

97002

Please contact
your local
Technical Support

97121

97130

97106

98013

97121



Pinch Valve Applicator

- Provides excellent compatibility with all Loctite® products including cyanoacrylates
- Dispenses small drop sizes of low to medium viscosity products
- Can be either mounted to the reservoir or to the point of application

97130



ErgoLOC Valve

- Ergonomic design provides comfortable hand application control
- Eliminates hand fatigue
- Suitable for small drop sizes up to beads of low to medium viscosity products including Instant Adhesives

97106/97123



Reservoir 0,5l / Single Channel-Automatic Controller

- Fully programmable independent controller (97123) with PLC interface
- Precision pressure regulator for reliable dispensing
- Integrated solenoids for cost and space effectiveness
- Level sensor in the tank (97106) with level indication at the controller

97114



Stationary Applicator Valve

- Easy exchange of actuator and shut-off valve modules
- Contains adjustable suck-back
- Eliminates product stringing
- Used for stationary and advancing application

98013



Cyanoacrylate Dispense Valve

- Diaphragm valve with high resolution stroke adjustment
- No-drip dispensing
- For low to medium viscosity cyanoacrylate adhesives

Loctite® Two Component Adhesives

Light Curing

Loctite® UV Adhesives

Light Curing

97055

98591

Structural Bonding

Loctite® Epoxy/Acrylic/Methacrylate

Handheld Manual

96001

96003

Handheld Pneumatic

983437 / 983439

Semi-Automatic/ Automatic

Please contact
your local
Technical Support

97055



UVALOC 1000

- For UVA, UVC and visible light curing
- Closed system with safety door locking and programmable shutter system

98591



Loctite® 7700 Hand Held LED Light Source

- For many UV/visible light cure products
- Instant on/off performance and consistent light output
- Heating of assemblies virtually eliminated

96001



50 ml Dual Cartridge Manual Applicator

- Hand-held, manually operated mix dispenser, provides a convenient, cost-effective method of applying product with minimal waste
- Compatible with 1:1, 2:1 and 10:1 ratio products
- Made of impact resistant plastic

96003



200 ml Dual Cartridge Manual Applicator

- Hand-held, manually operated dispenser
- Provides a convenient, cost-effective method of applying product with minimal waste
- Fits 1:1 and 2:1 mix ratio products
- Mix nozzles are sold separately
- Made of die-cast aluminium

983437/983439



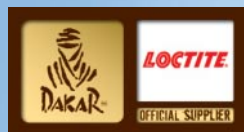
Dual Cartridge Pneumatic Applicator

- Hand-held, pneumatically operated meter mix applicator
- It provides a convenient, cost-effective method to apply product with minimal waste
- The dispensers are compatible with 1:1 and 2:1 mix ratio products
- 983437 fits 200 ml dual cartridges
- 983439 fits 400 ml dual cartridges

Product Overview

Product No.	Order No.	Product Description	
96001	267452	50 ml Dual Cartridge Manual Applicator 1:1, 2:1	
96003	267453	200 ml Dual Cartridge Manual Applicator 1:1, 2:1	
97001	88631	250 ml Peristaltic Hand Pump	
97002	88632	300 ml Cartridge Pneumatic Dispenser	
97003	135546	Integrated Manual System 1 bar, 0–15 psi	*
97004	135547	Integrated Manual System 7 bar, 0–100 psi	*
97006	88633	Precision Syringe Dispenser	
97009	215845	Integrated Semi-Automatic Dispensing System	
97055	805741	UVALOC 1000, Chamber Version	
97042	476898	Pneu. Handgun 50 ml 1:1, 2:1, 10:1	*
97106	135554	0.5l Reservoir with Dual Level Sensor	
97112	88643	Hand-Held Applicator (Foot Switch activated)	*
97114	88645	Stationary Applicator Valve 3/8"	
97121	88650	Pinch Valve Applicator	
97123	215993	Single Channel-Automatic Controller	
97130	444643	ErgoLOC Valve	
97131	194420	Vari-Drop Appl. with 1/4" Feedline	*
97134	194427	CA Dispense Valve, High Flow	*
97560	647717	20l Extrusion Pail Pump	*
97631	854181	300 ml Cartridge Pusher	*
98009	218280	Light Cure Dispense Valve	*
98013	318654	Cyanoacrylate Dispense Valve	
98026	476902	Manual Handgun 30 ml Syringes	*
98414	608966	50 ml Peristaltic Hand Pump	
98548	769914	Benchtop Peristaltic Dispenser	
98591	806035	Loctite® 7700 Hand Held LED Light Source	
98666	883976	Digital Syringe Dispenser	*
983437	218315	200 ml Dual Cartridge Pneumatic Applicator 1:1, 2:1	
983438	218312	400 ml Dual Cartridge Manual Applicator 1:1, 2:1	*
983439	218311	400 ml Dual Cartridge Pneumatic Applicator 1:1, 2:1	
984569	478562	Square Mix Nozzle Kit for 50 ml, 10 Pcs.	*
984570	478563	Square Mix Nozzle Kit for 200/400 ml, 10 Pcs.	*

* This product is not represented in this brochure, for further details please contact your local technical support.



Henkel Loctite Adhesives Ltd
Technologies House
Wood Lane End
Hemel Hempstead
Hertfordshire HP2 4RQ
Tel. 01442 278100
Fax 01442 278071

The data contained herein are intended as reference only. Please contact your local Henkel Technical Support Group for assistance and recommendation on specifications for these products.

www.loctite.co.uk

© designates a trademark of Henkel KGaA or its affiliates, registered in Germany and elsewhere © Henkel KGaA, 2007