



1001 Trout Brook Crossing  
Rocky Hill, CT 06067-3910  
Telephone: (860) 571-5100  
FAX: (860) 571-5465

## Product Description Sheet

### Diaphragm Dispense Valve

Part # 97135

North American Equipment, November 2003

#### PRODUCT DESCRIPTION

The LOCTITE® Diaphragm Valve is a pneumatically activated dispense valve that utilizes a floating PTFE diaphragm. The valve can be stationary mounted or hand held in conjunction with pressure-time dispense systems. The opening of the diaphragm takes place by pressurizing the internal single acting cylinder. Closure is achieved by spring force between cycles. It is suitable for use with acrylic and anaerobic adhesives up to 2500cP, but not suited for cyanoacrylate products

#### PRODUCT FEATURES

- Cost effective valve for use with pressure-time systems.
- Modular design and floating diaphragm allow for easy cleaning or repair.
- Fail safe spring assisted close.
- Internal components are PTFE to prevent premature curing.
- Flow rates can be increased with use of 3/8" feedline.



#### Technical Data

- Pneumatic supply min. 5 bar (73 psi); max. 7 bar (100 psi)
- Air supply required: Filtered 10 µm, oil-free, non-condensing.
- Pneumatic control hose size dia: 4 mm
- Product feedline is standard: 1/4 inch.
- Optional: feedline upgrade kit to 3/8 inch (item #97220)
- Dispensing pressure range of the valve: 0.5 bar (7 psi) to 4 bar (60 psi).
- Weight 300 g.
- Dimensions: overall length: 127 mm. diameter: 32 mm.
- Internal product bore of  $\varnothing$  2 mm.

#### Recommended Spare Parts

<u>Description</u>	<u>Part Number</u>
• Actuator assembly	97254
• Shut off valve	97268
• Luer-Lok adapter kit	97233
• Feedline 1/4" PTFE lined	97972
• Feedline upgrade kit 1/4" to 3/8"	97220

If required air quality is not achieved, install a Loctite® filter regulator. Accessory Order No. 985397.

NOT FOR PRODUCT SPECIFICATIONS  
PLEASE CONTACT LOCTITE CORPORATION FOR ASSISTANCE: 1-800-LOCTITE (1-800-562-8483)

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