## System Components- Hand-Held Applicators

Loctite® Hand-Held Applicators are ergonomically designed for hand delivery of Loctite® adhesives and fluids directly from their original package. Whether pneumatic or manual, each item is designed for easy, clean, hand-held dispensing of fluids, to reduce waste and operator contact. Selection of a Loctite® Hand-Held Applicator is based on the product type, package size, and process requirements.

### Hand-Held Applicators for Single Component Dispensing

<table>
<thead>
<tr>
<th>Product</th>
<th>30ml Manual Syringe Dispenser</th>
<th>Manual Dispensing Applicator for 50ml Cartridges</th>
<th>Peristaltic Hand Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item #</td>
<td>98026</td>
<td>96005</td>
<td>97001/98414</td>
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<tr>
<td>IDH No.</td>
<td>476902</td>
<td>363544</td>
<td>88631/608666</td>
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<tr>
<td>Adhesive Components</td>
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<tr>
<td>Dispensing Capability</td>
<td>ALL</td>
<td>G,S</td>
<td>TL, RC</td>
</tr>
<tr>
<td>Viscosity Range</td>
<td>Low to high</td>
<td>Medium to high</td>
<td>Low to medium</td>
</tr>
<tr>
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<td>34</td>
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</tr>
</tbody>
</table>

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<tr>
<th>Product</th>
<th>300 ml Cartridge Dispenser</th>
<th>Manual Dispensing Gun for PUR* 300ml Cartridges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation</td>
<td>Electrical</td>
<td>Manual</td>
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<tr>
<td>Item #</td>
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<td>Adhesive Components</td>
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<tr>
<td>Dispensing Capability</td>
<td>S, G</td>
<td>S, G</td>
</tr>
<tr>
<td>Viscosity Range</td>
<td>Medium to high</td>
<td>Medium to high</td>
</tr>
<tr>
<td>Page</td>
<td>35</td>
<td>35</td>
</tr>
</tbody>
</table>

**ALL** = all fluids in approved packages  
**TL** = threadlockers  
**S** = RTV sealants and adhesives  
**PUR** = reactive PU hotmelt  
**M** = two-component methacrylates  
**E** = two-component epoxies  
**RC** = retaining compounds  
**RR** = Rapid Rubber repair urethane  
**U** = two-component urethanes  
**G** = gasketing compounds
### Hand-Held Applicators for Two Component Dispensing

<table>
<thead>
<tr>
<th>Product</th>
<th>50ml Dual Cartridge Applicator</th>
<th>2 x 300ml Dual Cartridge Applicator</th>
<th>900ml Dual Cartridge Applicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive Components</td>
<td>2</td>
<td>2</td>
<td>2</td>
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<tr>
<td>Dispensing Capability</td>
<td>E, U, M</td>
<td>M</td>
<td>E, U, M</td>
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<tr>
<td>Viscosity Range</td>
<td>High to pasty</td>
<td>High to pasty</td>
<td>High to pasty</td>
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<tr>
<td>Page</td>
<td>36</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Product</th>
<th>200ml Dual Cartridge Applicator</th>
<th>400ml Dual Cartridge Applicator</th>
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</thead>
<tbody>
<tr>
<td>Operation</td>
<td>Manual</td>
<td>Pneumatic</td>
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<tr>
<td>Adhesive Components</td>
<td>2</td>
<td>2</td>
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<tr>
<td>Dispensing Capability</td>
<td>E, U, M</td>
<td>E, U, M</td>
</tr>
<tr>
<td>Viscosity Range</td>
<td>High to pasty</td>
<td>High to pasty</td>
</tr>
<tr>
<td>Page</td>
<td>37</td>
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</tr>
</tbody>
</table>
30ml Manual Syringe Dispenser

The Loctite® 30ml Manual Syringe Dispenser is a hand-held, manually operated dispenser, for use with any product packaged in a standard 30ml syringe. This dispenser provides a convenient, cost-effective method to apply product.

• Pistol configuration for ease of application
• Ergonomic design minimizes operator fatigue

Typical Fluids Handled:
Any product package in a standard 30ml syringe

Manual Dispensing Applicator for 50ml Cartridges

The Loctite® Manual Dispensing Applicator for 50ml Cartridges is a hand-held, manually operated dispenser for use with any product packaged in a standard 50ml cartridge. This dispenser provides a convenient, cost-effective method to apply product.

• Pistol configuration for ease of application
• Ergonomic design minimizes operator fatigue

Typical Fluids Handled:
Any product package in a standard 50ml cartridge.

Peristaltic Hand Pump

The Loctite® Peristaltic Hand Pump is a volumetric bottle-top applicator that mounts easily on any Loctite® 50ml or 250ml bottle. It will not leak regardless of the orientation of the bottle, which minimizes waste and converts the product package into a portable dispenser for applications requiring small amounts. The Hand Pump applies adjustable amounts of Loctite® threadlockers and retaining compounds, viscosities up to approx. 30,000mPas. It requires no flushing, power or air source.

Typical Fluids Handled:
Low viscosity Loctite® threadlockers, Loctite® retaining compounds, Loctite® thread sealants.

Technical Specifications:

<table>
<thead>
<tr>
<th>Compatibility</th>
<th>98414: 50ml Loctite® anaerobic and UV adhesive bottles 97001: 250ml Loctite® anaerobic and UV adhesive bottles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>38 x 102 x 146mm, bottle stand 98414: 115 x 100 x 58mm</td>
</tr>
</tbody>
</table>
### 300ml Cartridge Manual Dispenser, Type STAKU

The Loctite® 300ml Cartridge Gun is a manual dispenser for applying products from all 300ml standard cartridges. It is ideal for portable dispensing applications in manual work stations. The operator controls the amount dispensed by holding down the trigger.

**Typical Fluids Handled:**
Loctite® structural acrylic adhesives, Loctite® silicones, Loctite® anaerobic gasketing compounds, 1-component epoxy adhesives, MS polymers

**Technical Specifications:**
- Weight: 630g

**Features:**
- Optimized load transfer
- Ergonomic design for comfortable and safe handling
- Glass fibre reinforced plastic housing for long-term reliability
- Rapid-loading system to make cartridge changes clean and easy

### 300ml Cartridge Pneumatic Dispenser

The Loctite® 300ml Cartridge Applicator is a pneumatic dispenser for applying products from 300ml cartridges. Pneumatic pressurisation minimises operator fatigue. Flow rate is controlled via the integrated pressure regulator. The operator controls the amount dispensed by holding down the trigger.

**Typical Fluids Handled:**
Loctite® structural acrylic adhesives, Loctite® silicones/MS Polymers, Loctite® anaerobic gasketing compounds, 1-component epoxy adhesives.

**Technical Specifications:**
- Air Input: max. 8.5 bar (125 psi) with 300ml cartridge, max. 1.5 bar (22 psi) with 250ml tube, filtered to a maximum of 10µm
- Air Inlet Port: Thread diameter: R 1/4
- Pressure Hose: Female thread min. 6mm
- Weight: 800g

**Features:**
- Integrated pressure regulator
- Quick pressure relief to minimise run-on effect
- Use with 300ml cartridges

### 300ml Cartridge Dispenser (electric)

The Loctite® 300ml Cartridge Applicator is an electric dispenser for applying products from 300ml cartridges. Designed to minimise operator fatigue in applications requiring portable dispensing – hassle-free cordless use. When the dispensing cycle is finished, the piston retracts automatically for pressure relief, to minimise run-on effect.

**Technical Specifications:**
- Weight: 2800g

**Features:**
- Powerful battery operated gun
- Gun is supplied with charging stand.

**Accessories:**
Spare battery Item #: 8952437, IDH No.: 1059469
### 50ml Dual Cartridge Manual Applicator, 1:1 / 2:1

**96001**

The Loctite® 50ml Dual Cartridge Applicator is a hand-held, manually operated dispenser. This dispenser provides a convenient, cost-effective method to apply product. It is used for 1:1 and 2:1 mix ratio products.

**Typical Fluids Handled:**
Loctite® 2-component epoxies and acrylics packaged in 50ml twin cartridges/syringes.

### 50ml Dual Cartridge Manual Applicator, 10:1 S cartridge design

**1034026**

The Loctite® Dual Cartridge Manual Applicator is a hand held unit; it is made of impact resistant plastic and provides a convenient, cost-effective method to apply product.

**Typical Fluid Handled:**
Loctite® 3038 Polyolefin Bonder.

### 50ml Dual Cartridge Pneumatic Dispenser

**97042**

The Loctite® 50ml Dual Cartridge Applicator is a hand-held, pneumatically operated dispenser. This dispenser provides a convenient, cost-effective method to apply product and eliminates hand fatigue. The dispensed amount is adjusted via the integrated pressure regulator. The applicator is available for 1:1 and 2:1 mix ratio products. A plunger adapter for processing 37ml dual cartridges is enclosed for quick and easy change-over.

**Typical Fluids Handled:**
Loctite® 2-component adhesives packaged in 50ml twin cartridges.

### Technical Specifications:

| **Air Input** | max. 8 bar (125 psi), filtered to a maximum of 30µm |

### 2 x 300ml Cartridge Pneumatic Dispenser

**1911001**

The Loctite® 2 x 300ml Dual Cartridge Applicator is a hand-held dispenser. It allows parallel dispensing of the two parts of products Loctite® 3295 and 341, mixed in a ratio of 1:1 through a static mixer nozzle. The pneumatic applicator has an integrated regulator for air pressure adjustment. Pressure is relieved automatically when the gun trigger is released, to minimise run-on effect.

**Typical Fluids Handled:**
Loctite® 3295 A/B, 341 A/B.

**Technical Specifications:**

| **Air Input** | max. 8 bar (125 psi), filtered to a maximum of 30 µm |
### 900ml Dual Cartridge Pneumatic Dispenser

The Spray Gun is used for air assisted application of Loctite® 7255 from 2:1 cartridges. While the product is being mixed and extruded via a static mixer, a simultaneous flow of atomizing air is supplied; a spray nozzle is attached to produce a uniform spray pattern.

**Technical Specifications:**

| Air Input | max. 8 bar (125 psi), filtered to a maximum of 30µm |

**Features:**

- Control pressure separately adjustable for advancing cylinder and atomizing air.
- A hand lever valve is provided for turning the atomising air supply to the spray nozzle on and off.

### 200ml Dual Cartridge Manual Applicator

The Loctite® 200ml Dual Cartridge Applicator is a hand-held, manually operated dispenser. This dispenser provides a convenient, cost-effective method to apply product. The applicator is suitable for 1:1 and 2:1 mix ratio products.

**Typical Fluids Handled:**

Loctite® 2-component adhesives packaged in 200ml twin cartridges.

### 200ml Dual Cartridge Pneumatic Dispenser

The Loctite® 200ml Dual Cartridge Pneumatic Applicator is a hand-held, pneumatically operated dispenser. This dispenser provides a convenient, cost-effective method to apply product and eliminates hand fatigue. The dispensing rate is adjusted via the integrated pressure regulator. The applicator is suitable for 1:1 and 2:1 mix ratio products.

**Typical Fluids Handled:**

Loctite® 2-component adhesives packaged in 200ml twin cartridges.

### 400ml Dual Cartridge Pneumatic Dispenser

The Loctite® 400ml Dual Cartridge Pneumatic Applicator is a hand-held, pneumatically operated dispenser. This dispenser provides a convenient, cost-effective method to apply product and eliminates hand fatigue. The dispensing rate is adjusted via the integrated pressure regulator. The applicator is suitable for 1:1 and 2:1 mix ratio products.

**Typical Fluids Handled:**

Loctite® 2-component adhesives packaged in 400ml twin cartridges.

### 400ml Dual Cartridge Manual Applicator

The Loctite® 400ml Dual Cartridge Applicator is a hand-held, manually operated dispenser. This dispenser provides a convenient, cost-effective method to apply product. A conversion kit for 4:1 ratio is available 984210 (IDH No. 478552).

**Typical Fluids Handled:**

Loctite® 2-component adhesives packaged in 400ml twin cartridges.

### 400ml Dual Cartridge Pneumatic Dispenser

The Loctite® 400ml Dual Cartridge Pneumatic Applicator is a hand-held, pneumatically operated dispenser. This dispenser provides a convenient, cost-effective method to apply product and eliminates hand fatigue. The dispensing rate is adjusted via the integrated pressure regulator. The applicator is suitable for 1:1 and 2:1 mix ratio products. A conversion kit for 4:1 ratio is available 984211 (IDH No. 478553).

**Typical Fluids Handled:**

Loctite® 2-component adhesives packaged in 400ml twin cartridges.

### 400ml Dual Cartridge Manual Applicator

The Loctite® 400ml Dual Cartridge Applicator is a hand-held, manually operated dispenser. This dispenser provides a convenient, cost-effective method to apply product. A conversion kit for 4:1 ratio is available 984210 (IDH No. 478552).

**Typical Fluids Handled:**

Loctite® 2-component adhesives packaged in 400ml twin cartridges.

### Technical Specifications:

| Air Input | max. 8 bar (125 psi), filtered to a maximum of 30µm |

400ml version for 10:1 products 985249 (IDH No. 470572).