A complete line of manual and automatic 1K valves for a wide variety of sealant and adhesive applications.
CHOOSE GRACO’S DISPENSE VALVES FOR YOUR SEALANT AND ADHESIVE APPLICATIONS.

Graco’s Dispense Valves are designed to be part of a total solution for dispensing sealants and adhesives in conjunction with CheckMate® or Dura-Flo™ piston pumps. Each valve offers a unique set of features and benefits that allow them to be used in a variety of different applications.

FEATURES

- DURABLE, LONG-LASTING AND PRECISE
- EASY TO REBUILD AND MAINTAIN
- INEXPENSIVE TO PURCHASE, MAINTAIN AND REPAIR
- DESIGNED FOR EASY MOUNTING

SEALANT AND ADHESIVES APPLICATIONS

AUTOMOTIVE ASSEMBLY
Extrude, stream, or swirl sealant for seam sealing, NVH, hem flange, and body panel reinforcement.

AUTOMOTIVE FEEDER PLANTS
Bonding, sealing and adhering mirror and door panels, wheel covers, sunroofs, weather stripping, and tail lights.

RV LAMINATION
Dispensing hot melt for sidewall, roof, floor, and accessories lamination.

WINDOW MANUFACTURING
Adhering vinyl and aluminum cladding to windows.

CABLE MANUFACTURING
Flooding hot sealant into fiber optics cable.

FURNITURE
Laminating office partitions, feeding of profile wrappers, and assembly.

DOORS
Laminating of stiles and rails to crossbands and faces.

BOOKBINDING
Filling polyurethane adhesive to binding wheels.
The Auto-Plus valve offers a compact, long-lasting design and low cost of ownership for a wide variety of automotive and industrial applications.

- 4000 psi (276 bar, 27.6 MPa) maximum working pressure
- For use with both ambient and temperature-conditioned applications
- Low-cost repair kits keep the lifetime cost of the valve economical
- Wide choice of streaming and spray tips available for custom applications

**KEY APPLICATIONS**
- Automotive sealer

**KEY MATERIALS**
- PVC sealers
- Heat-cure epoxies
- Silicone
- Urethane

**VALVE STYLE**
- Ball and seat
- Forward closing/near tip shutoff
- Spring closed failsafe

Reliable Endure valves offer exceptional reliability for high-pressure, high flow sealant and adhesive dispensing.

- 5000 psi (345 bar, 34.5 MPa) maximum working pressure
- Primary seal is harder than typical snuff back valve for use with abrasive materials
- Snuff back style for non-drip performance
- Extrusion, streaming and spraying of abrasive materials

**KEY APPLICATIONS**
- Structural bonding
- Glass bonding
- Seam sealing
- Window manufacturing

**KEY MATERIALS**
- PVC
- Epoxy
- Silicone
- Anti-flutter mastics

**VALVE STYLE**
- Snuff back
- Carbide seat
- Air and spring closed

Determined for long life, the 1K Ultra-Lites are top-of-the-line, durable, lightweight and compact.

- 4000 psi (276 bar, 27.6 MPa) maximum working pressure
- Lubricated packings for longer seal life
- Adjustable forward travel reduces material surge (most models)
- Pistol grip version provides on/off signal to control pump

**KEY APPLICATIONS**
- Railcar sealing
- Truck trailer sealing
- Marine container sealing
- Product assembly of windows and doors

**KEY MATERIALS**
- Silicones
- Epoxies
- Urethanes
- Acrylics

**VALVE STYLE**
- Snuff back
- Hardened poppet to carbide seat
- Adjustable opening “throw”
### AUTOMATIC DISPENSING VALVES

#### STANDARD DUTY DISPENSE VALVE
Graco’s standard-duty dispense valve is an economical, high-performance option for a variety of dispensing applications.

- 3000 psi (210 bar, 21.0 MPa) maximum working pressure
- Stainless steel construction is compatible with a wide range of materials
- Variety of needle/seat options available

**KEY APPLICATIONS**
- Dispensing of waterborne materials
- General product assembly

**KEY MATERIALS**
- PVA adhesives
- Plastisol
- Greases

**VALVE STYLES**
- Ball and seat
- Tip seal
- Adjustable retraction
- Spring closed

#### AUTOMATIC METERING VALVE (AMV)
AMV provides accurate dispensing of adhesives and other fluids on a repetitive basis with a shot range from 0.2 to 4.0 cc.

- 3200 psi (220 bar, 22.0 MPa) maximum working pressure
- Air-triggered, fluid pressure operated, single-acting metered shot valve
- Dispenses up to 60 shots or more per minute

**KEY APPLICATIONS**
- Structural bonding
- Anti-flutter mastic
- Glass bonding
- Seam sealing
- Automatic depressurization

**KEY MATERIALS**
- PVC sealers
- Epoxy
- Urethane
- Sealants

**VALVE STYLE**
- Positive displacement

#### MICRO METERING VALVE (MMV)
MMV is used for accurate shot metering during small parts assembly and encapsulation.

- 100 psi (7 bar, 0.7 MPa) maximum feed pressure
- Positive displacement design provides high accuracy and repeatability
- Shot size ranges from 0.025 cc to 3.31 cc

**KEY APPLICATIONS**
- Assembly applications
- Electrical potting and encapsulation

**KEY MATERIALS**
- Adhesives
- Potting compounds
- Encapsulants
- Plastisols
- Lubricants
- Sealants

**VALVE STYLE**
- Dual check style
- Solid rod displacement
- Carbide outlet check
AUTOMATIC DISPENSING VALVES

**EXTRUSION VALVES**

Extrusion valves offer a round body design ideal for multiple mounting options of robotic and automated applications.

- 4000 psi (276 bar, 27.6 MPa) maximum working pressure
- One-piece body gives repeatable nozzle positioning
- Durable all-metal nozzle and seat construction for long-life dispensing of low abrasive materials

**KEY APPLICATIONS**
- Structural bonding
- Anti-flutter mastic
- Glass bonding
- Seam sealing

**KEY MATERIALS**
- PVC sealers
- Epoxy
- Urethane
- Sealants

**VALVE STYLE**
- Ball/needle and seat
- Snuff back with poppet valve
- Air open/air close

**HIGH VISCOSITY EXTRUSION VALVES**

The large porting design of high viscosity valves provides high flow rates for viscous materials such as PVC sealers and heat cure epoxy.

- 5000 psi (345 bar, 34.5 MPa) maximum working pressure
- Durable all-metal nozzle and seat construction for long-life dispensing of low abrasive materials

**KEY APPLICATIONS**
- Structural bonding
- Anti-flutter mastic
- Glass bonding
- Seam sealing
- Automatic depressurization

**KEY MATERIALS**
- PVC sealers
- Epoxy
- Urethane
- Sealants

**VALVE STYLE**
- Ball seat
- Air open/air close

**HIGH FLOW DISPENSE VALVE**

Perfect for applying urethane sealant to glass this valve offers a large porting design and provides high flow rates for high viscosity materials.

- 5000 psi (345 bar, 34.5 MPa) maximum working pressure
- One-piece body design for repeatable positioning
- Stainless steel, aluminum and Viton wetted parts for long-life
- Compact and lightweight design for easy integration

**KEY APPLICATIONS**
- Structural bonding
- Anti-flutter mastic
- Glass bonding
- Seam sealing

**KEY MATERIALS**
- High viscosity urethanes

**VALVE STYLE**
- Ball and seat
- Air open/air close
KEY MATERIALS
- Rubber-based sealers
- Waterborne adhesives
- Silicone and solvent-borne materials

KEY APPLICATIONS
- Industrial and automotive sealants and adhesive applications
- Applications requiring high flow rates

VALVE STYLE
- Ball/needle and seat

MANUAL DISPENSING

ULTRA-LITE SEVERE-DUTY PISTOL GRIP FLOW GUN
Operator-friendly Ultra-Lite guns combine ergonomic design with high-operating pressure for dispensing high viscosity industrial and automotive sealants and adhesives.

- 4000 psi (276 bar, 27.6 MPa) or 6000 psi (414 bar, 41.4 MPa) maximum working pressure models
- Tapered needle option for increased control
- Changeable tips accommodate a variety of dispensing needs

KEY MATERIALS
- Rubber-based sealers
- Waterborne adhesives
- Silicone and solvent-borne materials

VALVE STYLE
- Ball/needle and seat

IN-LINE FLOW GUNS
In-Line flow guns provide the ideal solution for dispensing onto horizontal surfaces.

- 2400 psi (235 bar, 23.5 MPa) maximum working pressure
- Selectable trigger lock and hanger slot for operator convenience
- Precise control of low viscosity sealant and adhesive materials

KEY MATERIALS
- PVC sealers
- Low to high abrasive fluids
- Waterborne and solvent-borne materials
- Most fluids up to 150,000 cps

VALVE STYLE
- Ball and seat
Graco valves are designed for customized dispense profiles

All of Graco’s automatic and manual valves are designed to accept numerous standard thread nozzles, tips and applications.

To accommodate the desired application profile, Graco also supplies a wide variety of nozzles, needles and brushes.

PrecisionSwirl™ – ultimate control for high volume applications

Graco’s automatic valves can be used in conjunction with PrecisionSwirl for the most precise application profile in the industry. PrecisionSwirl set the standard for application control and material savings in the automotive industry. PrecisionSwirl has also created significant savings for other industries that dispense sealants and sound deadners (i.e., appliance, truck/bus/RV and fenestration).
## AutoPlus 1K UltraLite Endure

<table>
<thead>
<tr>
<th>Feature</th>
<th>AutoPlus</th>
<th>1K UltraLite</th>
<th>Endure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valve style</td>
<td>Ball and seat</td>
<td>Snuff back</td>
<td>Snuff back</td>
</tr>
<tr>
<td>Actuation</td>
<td>Air open/spring close</td>
<td>Air open/air close</td>
<td>Air open/air close/spring close</td>
</tr>
<tr>
<td>Adjustable operation stroke</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Max working pressure</td>
<td>4000 psi (276 bar, 276 MPa)</td>
<td>4000 psi (276 bar, 276 MPa)</td>
<td>5000 psi (345 bar, 34.5 MPa)</td>
</tr>
<tr>
<td>Fluid inlet size</td>
<td>3/8-14 with tip nut</td>
<td>1/4 npt(f) or 3/4-16 unf(m)</td>
<td>5/8–18 male, 1/4 npt(f) or 1/2 npt(m)</td>
</tr>
<tr>
<td>Fluid outlet size</td>
<td>0.25 in (6.35 mm) deep</td>
<td>1/2 in, 2 sides</td>
<td>Manifold mounted, 4 M 6x1 mounting holes x 0.46 in (11.6 mm) deep full thread depth</td>
</tr>
<tr>
<td>Wetted parts</td>
<td>SST, carbide, UHMWP, delrin, PEEK, PTFE, chemically-resistant fluoroelastomer aluminum</td>
<td>SST, aluminum, 303 SST, 17-4 pH SST, C2 carbide, hard chrome, ethylene propylene, PTFE, parker polymite™</td>
<td>Aluminum, SST, chrome, carbide, acetal, PTFE, viton, polymite</td>
</tr>
<tr>
<td>Dimensions</td>
<td>4.8 in L x 2.25 in W x 3.5 in D (12.1 cm L x 5.2 cm W x 8.8 cm D)</td>
<td>Automatic models: 6.13 in L x 1.75 in W x 2.25 in D (15.5 cm L x 4.4 cm W x 5.2 cm D) Handle length 5 in (127 mm)</td>
<td>8.31 in L x 2.25 in W x 4.50 in D (21 cm L x 5.7 cm W x 11.4 cm D)</td>
</tr>
<tr>
<td>Weight</td>
<td>2 lb (0.9 kg)</td>
<td>SST: 2.1 lb (0.94 kg)</td>
<td>4 lb (1.8 kg)</td>
</tr>
<tr>
<td>Applications</td>
<td>Extrusion, streaming and spray</td>
<td>Extrusion</td>
<td>Extrusion, streaming and spray</td>
</tr>
<tr>
<td>Instruction manual</td>
<td>308813</td>
<td>308876</td>
<td>309376</td>
</tr>
</tbody>
</table>

### AutoPlus Automatic Valve Ordering Information

- **233670** Auto-Plus Valve for Sealant and Adhesive Dispensing. Flange outlet for accepting stream, fan, and shower tips
- **244930** Mounting manifold for 233670

### Accessories and Repair Kits

- **198316** Accessory nut which allows Auto-Plus Valve to accept extrusion tips
- **239896** Fluid Repair Kit: includes gaskets and o-rings for fluid section
- **241480** Air Seal Repair Kit: includes o-rings and gaskets for air section
- **239807** Fluid needle assembly
- **233671** Valve seat

### Spray, Shower, and Stream Tips

- **C08224** Outlet has 6 holes, 0.020 in orifices

### 1K UltraLite Valve Ordering Information

- **965766** Machine Mount 1K Ultra-Lite Dispense Valve SST, automatic
- **965767** Machine Mount 1K Ultra-Lite Dispense Valve Aluminum, manual, pneumatic switch
- **965768** Machine Mount 1K Ultra-Lite Dispense Valve Aluminum, manual, electric switch
- **965786** Machine Mount 1K Ultra-Lite Dispense Valve Aluminum, automatic
- **243482** PrecisionSwirl Control Valve 45° outlet, no travel adjustment
- **243666** Machine Mount 1K Ultra-Lite Dispense Valve SST, Precision-Flo control valve, no travel adjustment

### Endure Valve Ordering Information

- **244910** Ambient or Temperature Conditioned Applications Used for temperatures to 200°F (95°C) in ambient applications or where water-circulated temperature conditioning is used. Outlet connection is either 5/8-18 male thread or retainer nut with 1/8 npt (f).
- **244961** 120V Electric Heat Model, temperatures to 200°F (95°C) Used for heat-only applications. Manifold includes a 150W heater and a 120V, 6 pin round connection. Outlet connection is either 5/8-18 male thread or retainer nut with 1/8 npt (f).
- **244962** 240V Electric Heat Model, temperatures to 200°F (95°C) Used in heat-only applications. Manifold includes a 200W heater and a 240V, 8 pin square connector. Outlet connection is either 5/8-18 male thread or retainer nut with 1/8 npt (f).
- **244908** 120V Electric Heat Model, temperatures to 400°F (204°C) Same as 244961 with higher temperature seal kit.
- **244909** 240V Electric Heat Model, temperatures to 400°F (204°C) Same as 244962 with higher temperature seal kit.
- **245184** 120V Electric Heat Model with 1/2 npt (m) outlet Same as 244908 with different outlet connection.
- **244951** 240V Electric Heat Model with 1/2 npt (m) outlet Same as 244909 with different outlet connection.
Selection Guide and Ordering Information

<table>
<thead>
<tr>
<th></th>
<th>Standard Duty</th>
<th>AMV</th>
<th>MMV</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Valve style</strong></td>
<td>Ball and seat or needle and seat</td>
<td>Positive displacement</td>
<td>Positive displacement</td>
</tr>
<tr>
<td><strong>Actuation</strong></td>
<td>Air open/spring close</td>
<td>Air open/spring close</td>
<td>Air to load/air to dispense</td>
</tr>
<tr>
<td><strong>Adjustable operation stroke</strong></td>
<td>Yes</td>
<td>0.2 to 4 cc</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Max working pressure</strong></td>
<td>3000 psi (210 bar, 21.0 MPa)</td>
<td>3200 psi (220 bar, 22 MPa)</td>
<td>100 psi (7 bar, 0.7 MPa)</td>
</tr>
<tr>
<td><strong>Fluid inlet size</strong></td>
<td>3/8 npt(m) or 1/4 npt(m)</td>
<td>1/4 npt(f)</td>
<td>3/8 npt(f)</td>
</tr>
<tr>
<td><strong>Fluid outlet size</strong></td>
<td>3/8 npt(m)</td>
<td>1/8 npt(f) or 1/4 npt(f)</td>
<td>1/4 npt(f)</td>
</tr>
<tr>
<td><strong>Mounting information</strong></td>
<td>0.5 in (12.7 mm) hole</td>
<td>7/16 – 20 unf – 2B (2)</td>
<td>1/4 – 20 1 in apart</td>
</tr>
<tr>
<td><strong>Wetted parts</strong></td>
<td>400 series SST, chrome, nylon, UHMWPE, leather, copper, acetal, tungsten carbide</td>
<td>Carbide steel, stainless steel, aluminum, viton, nylon</td>
<td>303 SST, chrome, UHMWPE, carbide, buna-N</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>Varies by model, see service manual</td>
<td>Varies by model</td>
<td>9.25 in x 1.75 in x 2.9 in diameter</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>2.47 lb (1.1 kg)</td>
<td>2.9 lb (1.32 kg)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Applications</strong></td>
<td>Extrusion</td>
<td>Bonding and sealing</td>
<td>Electronic potting drops</td>
</tr>
<tr>
<td><strong>Instruction manual</strong></td>
<td>306715</td>
<td>310543</td>
<td>–</td>
</tr>
</tbody>
</table>

**Standard Duty Auto Valve Ordering Information**

205435  Air controlled. 400 Series SST wetted parts. For use with non-abrasive material.
207440  Same as 205435 except with Tungsten carbide ball and valve. For use with abrasive material.
205612  Same as 205435 less tip and needle.

**AMV Ordering Information**

C02021  AMV Model 482-B
7/8-18 nef externally threaded material inlet boss and 7/16-20 unf mounting hole
C02022  AMV Model 482-C
7/16-20 unf mounting hole only
C02025  AMV Model 482-E
Model 482-C with 1/4 npt(f) fluid outlet
C02026  AMV Model 482-HA
Model 482-C with trigger-actuated pistol grip handle
C02027  AMV Model 482-MS
Model 482-B with seal fluid reservoir and 7/16-20 mounting bolt for moisture sensitive fluids
C02078  AMV Model 482-DA
Model 482-C with double-acting (air-open, air-close) air cylinder and 1/4 npt(f) outlet

**MMV Ordering Information**

692125  MMV 125
Shot range: 0.025-0.201 cc
692250  MMV 250
Shot range: 0.100-0.804 cc
692500  MMV 500
Shot range: 0.400-3.21 cc
## Selection Guide and Ordering Information

<table>
<thead>
<tr>
<th>Valve style</th>
<th>Extrusion</th>
<th>High Viscosity</th>
<th>Large High Flow Viscosity</th>
</tr>
</thead>
<tbody>
<tr>
<td>918533 – Ball seat; 918535</td>
<td>918533 – Ball seat; 918535 – Snuff Back</td>
<td>918539 – Ball and seat</td>
<td></td>
</tr>
<tr>
<td>Actuation</td>
<td>Air open/air close – 1/8 npt(f)</td>
<td>Air open/air close – 1/4 npt(f)</td>
<td>Air open/air close – 1/4 npt(f)</td>
</tr>
<tr>
<td>Adjustable operation stroke</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Max working pressure</td>
<td>4000 psi (276 bar; 276 MPa)</td>
<td>5000 psi (345 bar, 34.5 MPa)</td>
<td>5000 psi (345 bar, 34.5 MPa)</td>
</tr>
<tr>
<td>Fluid inlet size</td>
<td>1/4 npt(f)</td>
<td>1/2 npt(f)</td>
<td>3/4 npt(f)</td>
</tr>
<tr>
<td>Fluid outlet size</td>
<td>1/4 npt(f)</td>
<td>1/2 npt(f)</td>
<td>3/4 npt(m)</td>
</tr>
<tr>
<td>Mounting information</td>
<td>3/8 in (10 mm) hole or (3) 10-24 x 0.25 in (6.35 mm) deep holes</td>
<td>3/4 in square bat with (2) 1/4 in socket head cap screws</td>
<td>1 in square bar with (2) 5/16 in (7.9 mm) socket head screws</td>
</tr>
<tr>
<td>Wetted parts</td>
<td>Aluminum, carbon steel, tungsten carbide, chrome plate, viton, thermoplastic polyester</td>
<td>Carbon steel, tungsten, carbide, chrome plate, viton, thermoplastic polyester</td>
<td>Carbon steel, tungsten, carbide, chrome plate, viton, thermoplastic polyester</td>
</tr>
<tr>
<td>Dimensions</td>
<td>918533: 5.19 in x 2.2 in (13.2 cm x 5.6 cm)</td>
<td>918535: 5.56 in x 2.20 in (14.1 cm x 5.5 cm)</td>
<td>918539: 5.90 in x 4.25 in (15.0 cm x 10.7 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>Approximately 1.5 lb (0.68 kg)</td>
<td>6.1 lb (2.8 kg)</td>
<td>10.5 lb (4.8 kg)</td>
</tr>
<tr>
<td>Applications</td>
<td>Extrusion</td>
<td>Extrusion</td>
<td>Extrusion</td>
</tr>
<tr>
<td>Instruction manual</td>
<td>310549</td>
<td>310550</td>
<td>310551</td>
</tr>
</tbody>
</table>

### Extrusion Ordering Information

- 918533  Ambient Extrusion Valve, 1/4 npt(f)
- 918535  Ambient Snuff Back Extrusion Valve

### High Viscosity Dispense Valves Ordering Information

- 918537  Automatic Dispense Valve, 1/2 npt(f)

### High Flow Dispense Valves Ordering Information

- 918539  Automatic Extrusion Valve, 3/4 npt(f) inlet and outlet
## Selection Guide and Ordering Information

### Compact Valves Ordering Information

<table>
<thead>
<tr>
<th>Compact (918623)</th>
<th>Compact (918625)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Valve style</strong></td>
<td>Extrusion</td>
</tr>
<tr>
<td><strong>Actuation</strong></td>
<td>Air open/air close with spring – 1/8 npt(f)</td>
</tr>
<tr>
<td><strong>Adjustable operation stroke</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Max working pressure</strong></td>
<td>3700 psi (255 bar; 25.5 MPa)</td>
</tr>
<tr>
<td><strong>Fluid inlet size</strong></td>
<td>1/4 npt(f)</td>
</tr>
<tr>
<td><strong>Fluid outlet size</strong></td>
<td>1/4 npt(f)</td>
</tr>
<tr>
<td><strong>Mounting information</strong></td>
<td>(2) 0.21 in (5.3 mm) through holes and (2) 0.251 (6.38 mm) x 0.31 in (787 mm) deep locating holes</td>
</tr>
<tr>
<td><strong>Wetted parts</strong></td>
<td>Aluminum, carbon steel, tungsten carbide, chrome plate, Viton, thermoplastic polyester</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>4 in x 1.5 in x 1.5 in (101.6 mm x 38 mm x 38 mm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>Approximately 0.9 lb (0.4 kg)</td>
</tr>
<tr>
<td><strong>Applications</strong></td>
<td>Extrusion, swirl, drops</td>
</tr>
<tr>
<td><strong>Instruction manual</strong></td>
<td>310557</td>
</tr>
</tbody>
</table>

### MANUAL DISPENSE VALVE ORDERING INFORMATION

#### In-Line Flow Guns Ordering Information

| 240199 | Ultra-Lite In-Line Flow Gun With Ball End Needle. |
| 204355 | In-Line Flow Gun |

#### In-Line Flow Gun Repair Kits

| 240206 | Ultra-Lite Repair Kit (for ball end gun) For use with Ultra-Lite In-Line Flow Gun with ball end needle (240199). Includes carbide seat, ball needle, o-ring, seal. |
| 207160 | Flow Gun Repair Kit For use with 204355. Includes packings, gaskets, valve stem and valve seat. |

#### Ultra-Lite 4000 Flow Gun Ordering Information

| 235627 | Ultra-Lite 4000 Pistol grip flow gun |
| 237607 | Ultra-Lite 4000 SD Severe-Duty pistol grip flow gun |
| 237649 | Ultra-Lite 4000 SD with Swivel Severe-Duty pistol grip flow gun. Inlet thread: 37° SAE; Inlet in-line swivel: 1/2-20 UNF (m) mounted on gun inlet. |

#### Ultra-Lite 4000 Flow Gun Kits

| 970167 | Pistol Grip Manual Extrude Kit Includes: 3/4 npt ball valve, 3/8 npt mastic regulator, 3/8 in (9.5 mm) x 25 ft (7.6 m) dispense hose, 1/4 in (6.4 mm) x 6 ft (1.8 m) whip hose, Z-swivel and Ultra-Lite 4000 SD pistol grip flow gun. |

#### Repair Kits

| 235658 | Ultra-Lite 4000 Repair Kit Includes: seat, 6.5° tapered needle, O-ring for seat, seal for needle and hex nut. |
| 237596 | Ultra-Lite 4000 SD Repair Kit Includes: seat, 7.5° tapered carbide needle, O-ring for seat, seal for needle, hex nut. |

#### Ultra-Lite 6000 Flow Gun Ordering Information

| 235628 | Ultra-Lite 6000 Pistol grip flow gun, carbide ball and seat. |
| 243775 | Ultra-Lite 6000 Tapered needle and seat for controllable flow. |

#### Ultra-Lite 6000 Kits

| 970077 | Manual Dispense Kit Designed for use on pipe manifold system for multiple dispensing locations. Maximum working pressure: 5000 psi (345 bar; 34.5 MPa). Includes: 3/4 npt ball valve, 3/4 npt mastic regulator, 1/2 in (12.7 mm) x 10 ft (3 m) and 3/8 in (9.5 mm) x 5 ft (1.5 m) dispense hose, straight swivel, Ultra-Lite 6000 manual flow gun and 4 mm (0.158 in) nozzle. |

#### Ultra-Lite 6000 Repair Kits

| 235829 | Ultra-Lite 6000 Repair Kit For use with fluids which are not compatible with polyurethane or Viton® packings. Contains PTFE seals and O-rings. |
| 235875 | Ultra-Lite PTFE Packing For use with ultralite 4000 and 6000 kits. Includes carbide seat, and urethane seal. |
ABOUT GRACO

PROVEN QUALITY. LEADING TECHNOLOGY.

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company’s success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology which set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco’s ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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Graco Inc. is registered to I.S. EN ISO 9001

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