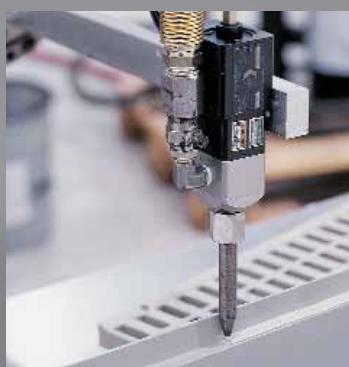
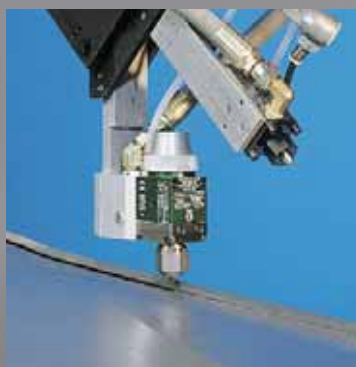




# DISPENSE VALVES

A complete line of manual and automatic 1K valves for a wide variety of sealant and adhesive applications.



SEALANTS AND ADHESIVES

PROVEN QUALITY. LEADING TECHNOLOGY.

# Dispense Valve Solutions



## 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.



# Select the product that's right for you!

## AUTOMATIC DISPENSING VALVES

### AUTOPLUS AUTOMATIC DISPENSE VALVE

The AutoPlus 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
- Manifold mounted for repeatable positioning
- Low to medium volume
- Medium to high pressure
- Extrusion, streaming and spraying of abrasive materials

#### 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



### 1K ULTRA-LITE AUTOMATIC PRECISION DISPENSE VALVE

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

- 4000 psi (276 bar, 27.6MPa) 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
- Severe-Duty needle and seat
- Dual seal design for long life
- Divorced air and fluid chambers
- Manual and automatic versions available

#### 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"



### ENDURE AUTOMATIC DISPENSE VALVE

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
- Dual seal design means fewer repairs
- Manifold mounted for repeatable positioning
- Air operated with spring-assisted closing means no leakage if air supply is lost
- Temperature conditioned and heated models available

#### 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



## 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
- Bead dispense and extrusion of non-abrasive adhesives
- Low to medium volume
- Low to medium pressure

#### 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
- Shot size can be changed quickly and easily
- Special snuffer action prevents dripping
- A wide variety of models to choose from

#### 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
- Simple, all pneumatic operation
- Minimal retained volume in dispense chamber assures fluid inventory exchange

#### 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
- High pressure dispensing
- Non-drip performance
- Accepts a wide variety of threaded extrusion nozzles

### 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
- High pressure and flow capability
- Non-drip performance
- Large 1/2 npt porting

### 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
- High pressure dispensing
- Non-drip performance
- Accepts a wide variety of threaded extrusion nozzles
- Large 3/4 npt porting

### 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



## AUTOMATIC DISPENSING VALVES

### COMPACT APPLICATORS

Small and lightweight, these valves are easily integrated into automated extrusion and spray systems.

- 3700 psi (255 bar, 25.5 MPa) maximum working pressure
- Square body design for multiple mounting options
- One-piece body design for repeatable positioning
- Compact design for easy integration into robots or gantry systems
- All metal construction for long life
- Extrusion, swirl and drops of non-abrasive materials

#### KEY APPLICATIONS

- Extruder sealer
- Anti-flutter mastic

#### KEY MATERIALS

- PVC sealers
- Epoxy
- Urethane
- Sealants

#### VALVE STYLE

- Ball 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
- 150° head/handle angle for operator comfort
- Precise control of highly-viscous materials
- Lightweight with convenient trigger pull

#### KEY APPLICATIONS

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

#### 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
- Accepts flanged or threaded tips for a variety of dispensing needs
- Rugged, lightweight design
- Lowest trigger force and weight in its class

#### KEY APPLICATIONS

- Automotive seam sealing
- Automotive after-hem sealing
- Industrial sealant and adhesive bonding

#### 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



# Accessories

## 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).

### SYSTEM COMPONENTS



RAMS/PUMPS



PRECISIONFLO XL



FLOW METERS



REGULATORS

## Selection Guide and Ordering Information

	AutoPlus	1K UltraLite	Endure
Valve style	Ball and seat	Snuff back	Snuff back
Actuation	Air open/spring close	Air open/air close	Air open/air close/spring close
Adjustable operation stroke	No	Yes	No
Max working pressure	4000 psi (276 bar, 27.6 MPa)	4000 psi (276 bar, 27.6 MPa)	5000 psi (345 bar, 34.5 MPa)
Fluid inlet size	3/8 npt(f) on manifold	1/4 npt(f)	1/2 npt(f)
Fluid outlet size	7/8-14 with tip nut for fan, stream, extrusion or shower tips	1/4 npt(f) or 3/4-16 unf(m)	5/8-18 male, 1/4 npt(f) or 1/2 npt(m)
Mounting information	(2) M5 x 0.8 150-H holes, 0.25 in (6.35 mm) deep	(2) 1/4-20 x 1/2 in, 2 sides	Manifold mounted, (4) M 6x1 mounting holes x 0.46 in (11.6 mm) deep full thread depth
Wetted parts	SST, carbide, UHMWP, delrin, PEEK, teflon chemically-resistant fluoroelastomer aluminum	SST, aluminum, 303 SST, 17-4 pH SST, C2 carbide, hard chrome, ethylene propylene, teflon, parker polymite™	Aluminum, SST, chrome, carbide, acetal, teflon, viton, polymite
Dimensions	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)	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)	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)
Weight	2 lb (0.9 kg)	SST: 2.1 lb (0.94 kg) Aluminum: 1.4 lb (0.65 kg)	4 lb (1.8 kg)
Applications	Extrusion, streaming and spray	Extrusion	Extrusion, streaming and spray
Instruction manual	308813	308876	309376

### AutoPlus Automatic Valve Ordering Information

233670 AutoPlus 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 AutoPlus 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

#### Endure Valve complete with mounting manifold

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

	Standard Duty	AMV	MMV
Valve style	Ball and seat or needle and seat	Positive displacement	Positive displacement
Actuation	Air open/spring close	Air open/spring close	Air to load/air to dispense
Adjustable operation stroke	Yes	0.2 to 4 cc	Yes
Max working pressure	3000 psi (210 bar, 21.0 MPa)	3200 psi (220 bar, 22 MPa)	100 psi (7 bar, 0.7 MPa)
Fluid inlet size	3/8 npt(m) or 1/4 npt(m)	1/4 npt(f)	3/8 npt(f)
Fluid outlet size	3/8 npt(m)	1/8 npt9f) or 1/4 npt(f)	1/4 npt(f)
Mounting information	0.5 in (12.7 mm) hole	7/16 – 20 unf – 2B	(2) 1/4 – 20 1 in apart
Wetted parts	400 series SST, chrome, nylon, UHMWPE, leather, copper, acetal, tungsten carbide	Carbide steel, stainless steel, aluminum, viton, nylon	303 SST, chrome, UNMWPE, carbide, buna-N
Dimensions	Varies by model, see service manual	Varies by model	9.25 in x 1.75 in x 2.9 in diameter
Weight	2.47 lb (1.1 kg)		2.9 lb (1.32 kg)
Applications	Extrusion	Bonding and sealing	Electronic potting drops
Instruction manual	306715	310543	–

### 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

	Extrusion	High Viscosity	Large High Flow High Viscosity
Valve style	918533 – Ball seat; 918535 – Snuff Back	918537 – Ball and seat	918539 – Ball and seat
Actuation	Air open/air close – 1/8 npt(f)	Air open/air close – 1/4 npt(f)	Air open/air close – 1/4 npt(f)
Adjustable operation stroke	No	No	No
Max working pressure	4000 psi (276 bar; 27.6 MPa)	5000 psi (345 bar, 34.5 MPa)	5000 psi (345 bar, 34.5 MPa)
Fluid inlet size	1/4 npt(f)	1/2 npt(f)	3/4 npt(f)
Fluid outlet size	1/4 npt(f)	1/2 npt(f)	3/4 npt(m)
Mounting information	3/8 in (10 mm) hole or (3) 10-24 x 0.25 in (6.35 mm) deep holes	3/4 in square bat with (2) 1/4 in socket head cap screws	1 in square bar with (2) 5/16 in (7.9 mm) socket head screws
Wetted parts	Aluminum, carbon steel, tungsten carbide, chrome plate, viton rubber, thermoplastic polyester	Carbon steel, tungsten, carbide, chrome plate, viton, thermoplastic polyester	Carbon steel, tungsten, carbide, chrome plate, viton, thermoplastic polyester
Dimensions	918533: 5.19 in x 2.2 in (13.2 cm x 5.6 cm) 918535: 5.56 in x 2.20 in (14.1 cm x 5.5 cm)	5.90 in x 4.25 in (15.0 cm x 10.7 cm)	6.62 in x 7.91 in (16.8 cm x 20 cm)
Weight	Approximately 1.5 lb (0.68 kg)	6.1 lb (2.8 kg)	10.5 lb (4.8 kg)
Applications	Extrusion	Extrusion	Extrusion
Instruction manual	310549	310550	310551

### 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 (918623)	Compact (918625)
Valve style	Extrusion	Spray
Actuation	Air open/air close with spring – 1/8 npt(f)	Air open/air close with spring – 1/8 npt(f)
Adjustable operation stroke	No	No
Max working pressure	3700 psi (255 bar; 25.5 MPa)	3700 psi (255 bar; 25.5 MPa)
Fluid inlet size	1/4 npt(f)	1/4 npt(f)
Fluid outlet size	1/4 npt(f)	7/8-14 unf(m) for RAC tip
Mounting information	(2) 0.21 in (5.3 mm) through holes and (2) 0.251 (6.38 mm) x 0.31 in (7.87 mm) deep locating holes	(2) 0.21 in (5.3 mm) through holes and (2) 0.251 (6.38 mm) x 0.31 in (7.87 mm) deep locating holes
Wetted parts	Aluminum, carbon steel, tungsten carbide, chrome plate, viton, thermoplastic polyester	Aluminum, carbon steel, tungsten carbide, chrome plate, viton, thermoplastic polyester
Dimensions	4 in x 1.5 in x 1.5 in (101.6 mm x 38 mm x 38 mm)	4 in x 1.5 in x 1.5 in (101.6 mm x 38 mm x 38 mm)
Weight	Approximately 0.9 lb (0.4 kg)	Approximately 0.9 lb (0.4 kg)
Applications	Extrusion, swirl, drops	Spray
Instruction manual	310557	310557

### Compact Valves Ordering Information

- 918623 Automatic Extrusion Valve, 1/4 npt(f) outlet  
 918625 Automatic Spray Valve, 7/8-14 unf-2A(m) outlet

### 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  
Repair kit for 235628. Includes carbide seat, and urethane seal.  
 235875 Ultra-Lite PTFE Packing  
For use with fluids which are not compatible with polyurethane or Viton® packings. Contains PTFE seals and O-rings.

# DISPENSE VALVES

## 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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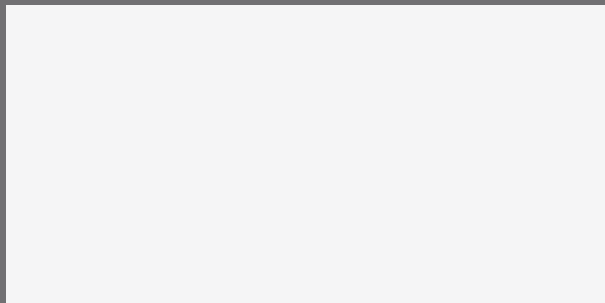
KOREA  
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