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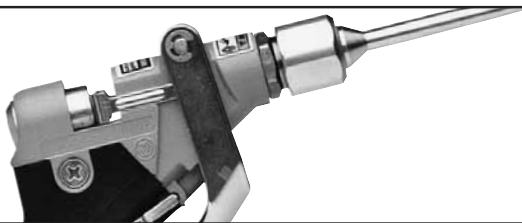
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Ultra-Lite™ 4000 and 4000 SD

Severe-Duty Pistol Grip Flow Guns

2

Ultra-Lite 4000 guns feature ergonomic design and operating pressure to 4000 psi (276 bar; 27.6 MPa).

Features and Benefits

- Precise control of low-to-medium viscosity materials
- Designed for light trigger pull and easy handling
- Changeable tips for a variety of dispensing needs

Typical Application

- Industrial and automotive single component sealant dispensing

Typical Fluids Handled

- Low abrasive fluids
- PVC sealer
- Waterborne adhesives (with abrasive fillers for SD)
- Silicone and solvent-borne materials (with abrasive fillers for SD)



235627
Ultra-Lite 4000 with
C00047 nozzle (not included)

Ultra-Lite 4000 and 4000 SD Severe-Duty Pistol Grip Flow Guns

Technical Specifications

Maximum fluid outlet pressure	4000 psi (276 bar; 27.6 MPa)
Flow rate @ 1000 psi (70 bar; 7.0 MPa)	332 gpm*
Maximum trigger force	
@ 0 psi (0 bar; 0 MPa)	1.5 lbs (0.68 kg)
@ 1000 psi (70 bar; 7.0 MPa)	4 lbs (1.8 kg)
Fluid outlet size	Flange or 1/4 npt(m)
Fluid inlet size	1/4 npt(f)
Weight	15.5 oz (439 gm)
Dimensions	8.05 in x 1.2 in x 5.9 in (20.5 cm x 3.0 cm x 15.0 cm)
Pressure tube	Stainless steel
Pressure tube I.D.	0.187 in (47.5 mm)
Valve seat diameter	0.200 in (50.8 mm)
Needle seat type	Titanium nitride SST, 6.5° tapered
Needle seat type (SD)	Titanium nitride SST, 7.5° tapered
Head/handle angle	150°
Wetted materials	Aluminum, SST, polyurethane, Viton®
Instruction manual	308253

* This flow rate was achieved using PVC sealer dispensed through a 0.030 in diameter orifice nozzle. Actual flow rates will vary depending on material type, fluid pressure and nozzle size.

Ordering Information

Ultra-Lite 4000 Flow Guns

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.

Kits

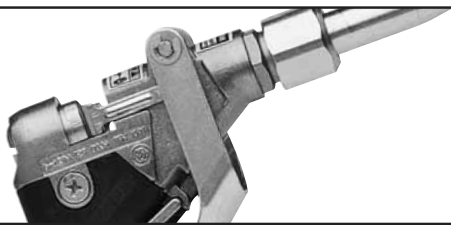
970167	Pistol Grip Manual Extrude Kit Includes: 3/4 npt ball valve, 3/8 npt mastic regulator, 3/8 in (9.5 mm) x 25 ft (7.6 m) dispense hose, 1/4 in (6.4 mm) x 6 ft (1.8 m) whip hose, Z-swivel and Ultra-Lite 4000 SD pistol grip flow gun.
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Repair Kits

235875	Ultra-Lite PTFE Packing For use with fluids which are not compatible with polyurethane or Viton® packings. Contains PTFE seals and O-rings.
235869	20° Taper Needle (for low abrasives) For higher flow with controlled opening. Includes seat, 20° tapered needle, O-ring for seat and needle seal.
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.

Viton® is a registered trademark of DuPont





Ultra-Lite™ 6000

Pistol Grip Flow Gun

2

Ultra-Lite 6000 is an operator-friendly gun for dispensing high viscosity material at operating pressures to 6000 psi (414 bar; 41.4 MPa).

Features and Benefits

- Precise control of highly viscous material
- 150° head/handle angle is more comfortable for operator
- Changeable tips for a variety of dispensing needs
- Lightweight with convenient trigger pull

Typical Applications

- Automotive or industrial sealant and adhesive applications
- High flow rate requirements
- Abrasive fluid requirements

Typical Fluids Handled

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



235628

Ultra-Lite 6000 with
C00009 nozzle (not included)

Ultra-Lite 6000 Pistol Grip Flow Gun

Technical Specifications

Maximum fluid outlet pressure	6000 psi (414 bar; 41.4 MPa)
Fluid inlet size	1/2 npt(f)
Fluid outlet size	Flange or 1/4 npt(m)
Pressure tube	Stainless steel
Pressure tube I.D.	0.332 in (8.1 mm)
Valve seat diameter	0.187 in (4.7 mm)
Needle seat type	Carbide ball
Head/handle angle	150°
Weight	22 oz (620 gm)
Dimensions	8.05 in x 1.2 in x 5.9 in (20.5 cm x 3 cm x 15 cm)
Wetted materials	SST, polyurethane, Viton®
Instruction manual	308253

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Ordering Information

Ultra-Lite 6000 Flow Guns

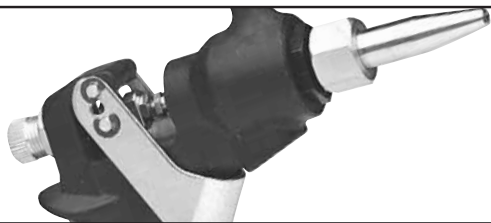
- 235628 Ultra-Lite 6000**
Pistol grip flow gun, carbide ball and seat.
- 243775 Ultra-Lite 6000**
Tapered needle and seat for controllable flow.

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.
- C59619 Ultra-Lite Dispense Kit**
Includes Ultra-Lite 6000, straight swivel, 15 ft x 0.51 in (4.5 m x 1.2 cm) neoprene high pressure hose and 1-1/4 in x 1/2 in fitting.

Repair Kits

- 235829 Ultra-Lite 6000 Repair Kit**
Repair kit for 235628. Includes carbide seat, and urethane seal.
- 237596 Ultra-Lite 6000 Repair Kit**
Repair kit for 243775. Includes needle, 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.



Pistol Grip Dispense Guns

Pistol Grip Flow Guns

2

Graco manufactures a number of pistol grip flow guns to meet the needs of a variety of end-users.

Features and Benefits

- Dispenses on demand
- Lightweight, rugged design
- Numerous design selections for internal cut-off
- 120° head/handle or 90° head/handle angle

Typical Applications

- Automotive and industrial adhesives and sealants
- Low-to-high flow rate requirements
- In-line handle requirements

Typical Fluids Handled

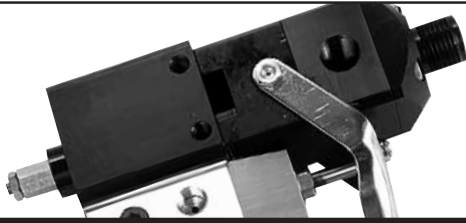
- Rubber-based fluids
- Caulks
- Sealants
- Adhesives



C27020 Pistol Grip
with C00007
nozzle (not included)

Ordering Information and Technical Specifications

Part No.	Description	Inlet npt(f)	Outlet npt (m)	Working Pressure
C27020	Hardened Ball and Seat Repair Kit: C27028	0.5 in	.25 in or flange	2500 psi (172 bar; 17.2 MPa)
C27031	2-Stage Trigger for lighter pull Repair Kit: C27028	0.5 in	.25 in or flange	2500 psi (172 bar; 17.2 MPa)
C27067	Advanced Piston Design/ Controlled Flow Repair Kit: C27070	0.5 in	.25 in or flange	2500 psi (172 bar; 17.2 MPa)
207945	Carbon Steel Housing Repair Kit: 210532	0.5 in	.25 in or flange	6000 psi (414 bar; 41 MPa)
915547	90° Head/Handle Angle	0.25 in flange	flange only	3600 psi (248 bar; 24.8 MPa)
915507	90° Head/Handle Angle	0.25 in flange	flange only	5000 psi (345 bar; 34 MPa)



1K Ultra-Lite™

Precision Dispense Valve for Quality Bead Dispensing

1K Ultra-Lite valves are top-of-the-line, lightweight valves designed for long service.

Features and Benefits

- Lightweight and compact
- Lubricated packings for longer seal life
- Severe-Duty needle and seat
- Eliminates snake-head and material drip
- Adjustable forward travel to reduce material surge
- Manual and automatic versions available
- Pistol grip version provides pilot on/off signal to control pump

Typical Applications

- Railcar sealing
- Truck trailer sealing
- Marine container sealing
- Product assembly for wood windows and doors

Typical Fluids Handled

- Epoxies
- Silicones
- Polysulfides
- Urethanes
- Butyl



96577
Internal Air Switch

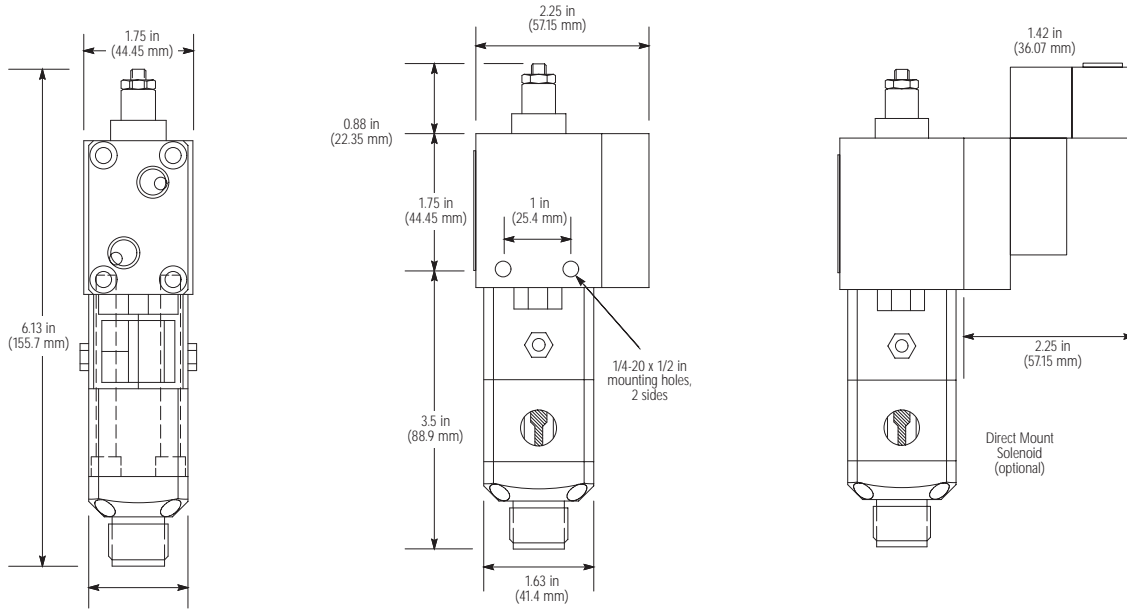


96578
Electric Switch

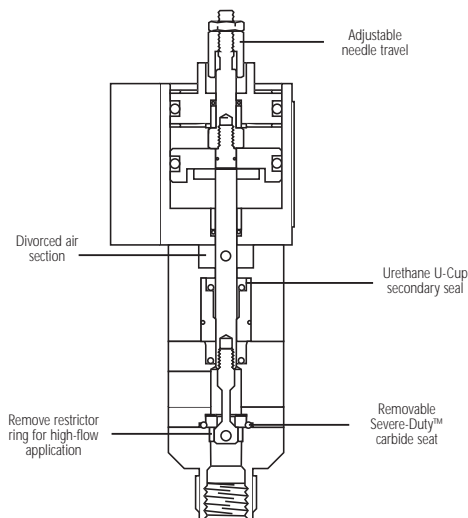
1K Ultra-Lite™

Precision Dispense Valve for Quality Bead Dispensing

Dimensions



2



Technical Specifications

- Maximum fluid outlet pressure4000 psi (276 bar; 28 MPa)
- Fluid viscosity range 20 to 1 million cps
- Maximum cylinder air pressure120 psi (8.4 bar; 0.84 MPa)
- Fluid inlet size 1/4 npt(f)
- Fluid outlet size 1/4 npt(f) and 3/4-16 unf(m)
- Air inlet size 1/8 npt(f)
- Shaft sealing fluid section dual seal isolation chambers with Zirk fittings
- Air cylinder divorced
- Wetted materials
 - Aluminum Aluminum, 303 SST, 17-4 ph SST, C2 carbide, hard chrome, ethylene propylene, Parker Polymite™, PTFE
 - SST 303 SST, 17-4 ph SST, C2 carbide, hard chrome, ethylene propylene, Parker Polymite™, Du Pont PTFE
- Weight
 - Aluminum 1.43 lbs (0.65 kg)
 - SST 2.07 lbs (0.94 kg)
 - Handle kit 0.77 lbs (0.35 kg)
- Instruction manual 308876

Polymite® is a registered trademark of Parker. All other trademarks mentioned herein are the property of their respective owners.

1K Ultra-Lite™

Precision Dispense Valve for Quality Bead Dispensing

Ordering Information

- 965767** Hand-held with Internal Air Switch
Aluminum Wetted Parts
- 965768** Hand-held valve with Electric Switch for Remote Operation
Aluminum wetted parts

Air Signal Accessories

- 104661** Quick Exhaust Valve
1/8 npt(f) inlet and outlet, 1/4 npt(f) exhaust. Used to speed up opening or closing action of the 1K Ultra-Lite
- 104632** Pump Pilot Valve
1/2 npt(f) line ports, 1/8 npt(f) pilot port. 3-way air piloted air valve to turn air powered proportioning pump on with hand gun signal

4-Way Solenoids and Solenoid Accessories

- 626144** Manifold
To direct mount solenoid to 1K Ultra-Lite Valve.
- 551317** 24 Volt dc Solenoid
For use with 626144 Manifold
- 551348** 24 Volt dc Solenoid
Remote mount, 1/8 npt(f) ports
- 551350** 24 Volt dc Din Plug
With screw terminals for above solenoids

Plastic Tube Fittings to Connect Air Signals

Tube OD	1/8 npt(m) Straight	1/8 npt(m) 90° Swivel
1/8 in	598329	
5/32 in	104172	598140
1/4 in		597151

Tube OD	1/4 npt(m) Straight	1/4 npt(m) 90° Swivel
5.32 in	598252	598327
5/32 in	104165	598156

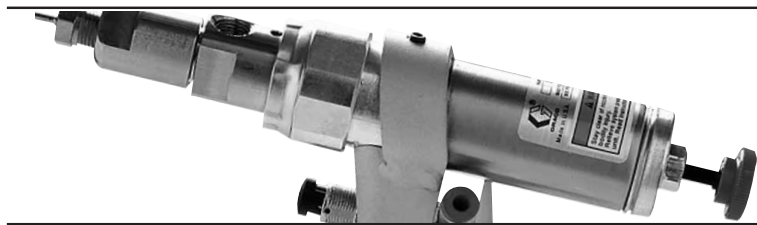


Plastic Tubing for Air Signal Lines

- 513063** 1/8 O.D. Nylon
- 514607** 5/32 O.D. Nylon
- 513231** 1/4 O.D. Nylon

Kits

- 949631** Conversion Kit
Pneumatic 4-way valve with housing, handle, and trigger and other parts necessary to convert 965766 automatic valve to a hand-held valve
- 949632** Conversion Kit
Electric switch style handle kit to convert 965766 to a hand-held valve
- 570267** Seal Kit
Polymite main packing (standard)
- 570268** Rebuild Kit (includes 570267 Seal Kit)
Polymite main packing (standard)
- 570299** Seal Kit
PTFE main packing (optional)
- 570300** Rebuild Kit (includes 570299 Seal Kit)
PTFE main packing (optional)



DynaMite™

Manual Dispense Valve

2

DynaMite valves are used with DynaMite 190 for small-scale assembly operations.

Features and Benefits

- Precise bead/dot diameter and positioning for improved quality and less rework in manual or automated applications
- Wetted parts are made of SST, PTFE, and acetal to provide wide fluid compatibility
- Valve can be converted from manual trigger (pistol grip) actuation to fixtured automated actuation

Typical Applications

- Crack sealing and joint filling
- Assembly of small parts

Typical Fluids Handled

- Colorants
- Potting compounds
- Greases
- Encapsulants
- Inks



235877
DynaMite Pistol Grip, Manual
(needle not included)

DynaMite

Manual Dispense Valve

Technical Specifications

Fluid inlet size	1/8 npt(f)
Fluid outlet size	1/8 npt(f)
Air inlet size	
Bare unit	1/8 npt(f)
For pistol grip	10-32 unc(f)
Both include 5/32 in (4 mm) diameter tube fitting	
Maximum air inlet pressure range	40 to 100 psi (2.8 to 7 bar; 0.28 to 0.7 MPa)
Maximum fluid inlet pressure	900 psi (62 bar; 6.2 MPa)
Wetted parts	302 and 17-4 passivated SST, PTFE, acetal
Maximum length, w/o dispense needle	6.75 in (171.5 mm)
Weight	
Bare unit	13 oz (37 g)
With pistol grip	18 oz (51 g)
Instruction manual	308266

Ordering Information

235877 DynaMite Pistol Grip Manual Dispense Valve





950 Series

Sealant Guns

2

950 series sealant guns replace caulk guns in high-volume operations.

Features and Benefits

- All metal rugged construction
- Knob is permanently captured onto the gun body
- Pistol grip or palm grip
- Air-powered or manual-operated

Typical Applications

- Dispensing sealants from 2.5, 6 and 12 oz. (73.9, 177.4 and 354.8 ml) cartridges

Typical Fluids Handled

- Silicones
- Acrylics



Palm Grip with 6 oz. Cartridge



Pistol Grip with 6 oz. (177.4 ml) Cartridge

950 Series Sealant Gun

Technical Specifications

Maximum fluid outlet pressure	100 psi (7 bar; 0.7 MPa)
Fluid outlet size	1/4 npt(f)
Wetted parts	Polyethylene

Ordering Information

- C04074** 2.5 oz. (73.9 ml) Palm Grip Gun
- C04076** 2.5 oz. (73.9 ml) Pistol Grip Gun
- C04087** 6 oz. (177.4 ml) Palm Grip Gun
- C04090** 6 oz. (177.4 ml) Pistol Grip Gun
- C04068** 12 oz. (354.8 ml) Pistol Grip Gun

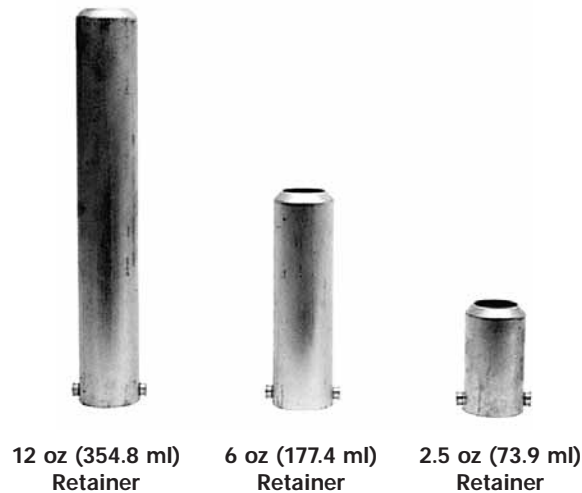
Manual-Operated Sealant Gun Kits

- C05213** **Gun Kit**
For 2.5 oz. (73.9 ml) and 6 oz. (177.4 ml) cartridges.
- C05212** **Gun Kit**
For 2.5 oz., 6 oz. or 12 oz. (73.9, 177.4 and 354.8 ml) cartridges.

Accessories

Hansen Brand Inlet Connectors

- C04038** 0.125 in ID x 5 ft. (1.52 m) air hose with male Q.D. inlet
- C04026** 0.125 in ID x 10 ft. (3.04 m) air hose with male Q.D. inlet
- C04033** 1/4 npt(f) Q.D. for above hoses.
- C04079** Trigger Assembly





Power Caulk™

Model 12020-M

2

Features and Benefits

- Trigger-actuated, fast shut-off prevents dripping
- For use with plastic or fiber cartridges
- Converts for use with aluminum cartridges

Typical Application

- Dispensing sealants from 10 oz. (295.7 ml) and 29 oz. (857.6 ml) cartridges

Typical Fluids Handled

- Silicones
- Acrylics
- Urethanes



C27098
Model 12020-M

Power Caulk

Model 12020-M

Technical Specifications

Maximum air operating pressure	80 psi (5.5 bar; 0.55 MPa)
Size	1/10th gal (378.5 ml)
Cartridge	10 oz. (0.29 l)
Construction	Aluminum
Air inlet size	1/4 npt(m)
Air hose	10 ft. (3 m) long



Ordering Information

C27098 Model 12020-M
1/10th gal (378.5 ml) Power Caulk Gun

Repair Kits
C27100 For model 12020-M Seal Kit

Note: Handles or barrels are not available individually as repair items.

Accessories

Sleeve and Spacer for aluminum cartridges

C27108 Sleeve
C27116 Spacer



In-Line Flow Guns

2

In-line flow guns are ideal for dispensing onto horizontal surfaces.

Features and Benefits

- Precise control of low viscosity sealant and adhesive materials
- Accepts flanged or threaded tips for a variety of dispensing needs
- Selectable trigger lock and hanger slot for operator convenience
- 240199 has lowest trigger force and weight in its class
- 204355 has rugged, lightweight design

Typical Applications

- Automotive interior/exterior seam sealing
- Automotive after-hem seam sealing
- Industrial sealant and adhesive bonding

Typical Fluids Handled

- PVC sealers with glass or plastic filler
- Low to high abrasive fluids
- Waterborne and solvent-borne materials
- Most fluids up to 150,000 cps



240199
Ultra-Lite In-Line Flow Gun
(nozzle not included)

In-Line Flow Guns

Technical Specifications

	240199	204355
Maximum working pressure	3400 psi (235 bar; 23.5 MPa)	3000 psi (210 bar; 21.0 MPa)
Needle Seat Type	Carbide ball	Carbide ball
Fluid flow at 2000 psi (138 bar; 13.8 MPa)	158 oz/min (4.5 lpm)	176 oz/min (4.8 lpm)
Valve seat diameter	0.125 in (3.2 mm)	0.187 in (4.75 mm)
Trigger force at 2000 psi (138 bar; 13.8 MPa)		
Breakaway	2.2 lbs (1.0 kg)	-
Sustaining	3.2 lbs (1.45 kg)	-
Fluid outlet size	flange and 1/4 npt(m)	flange and 1/4 npt(m) or 3/8 in nps (m)
Fluid inlet size	1/4 npt(f)	3/8 npt (f)
Weight	11.6 oz (328 gm)	2 lbs. (900 gm)
Dimensions	5.9 in x 2.6 in (15.0 cm x 6.6 cm)	9.25 in x 5.25 in (23.5 cm x 13.3 cm)
Wetted parts	Carbide, aluminum, SST, polyethylene, Viton®	Carbide, aluminum



Ordering Information

In-Line Flow Guns

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

204355 In-Line Flow Gun

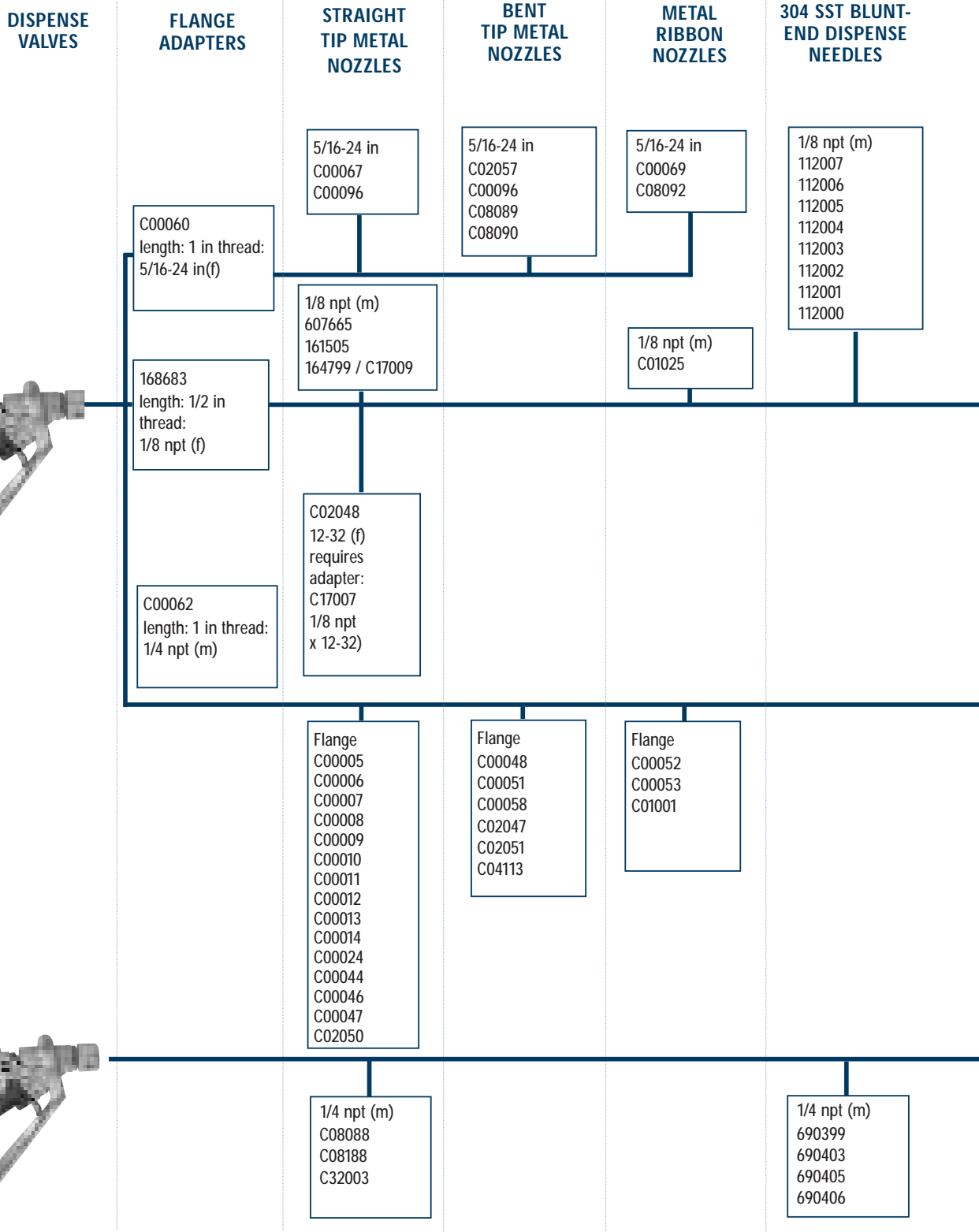
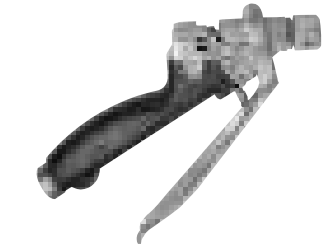
In-Line Flow Gun Repair Kits

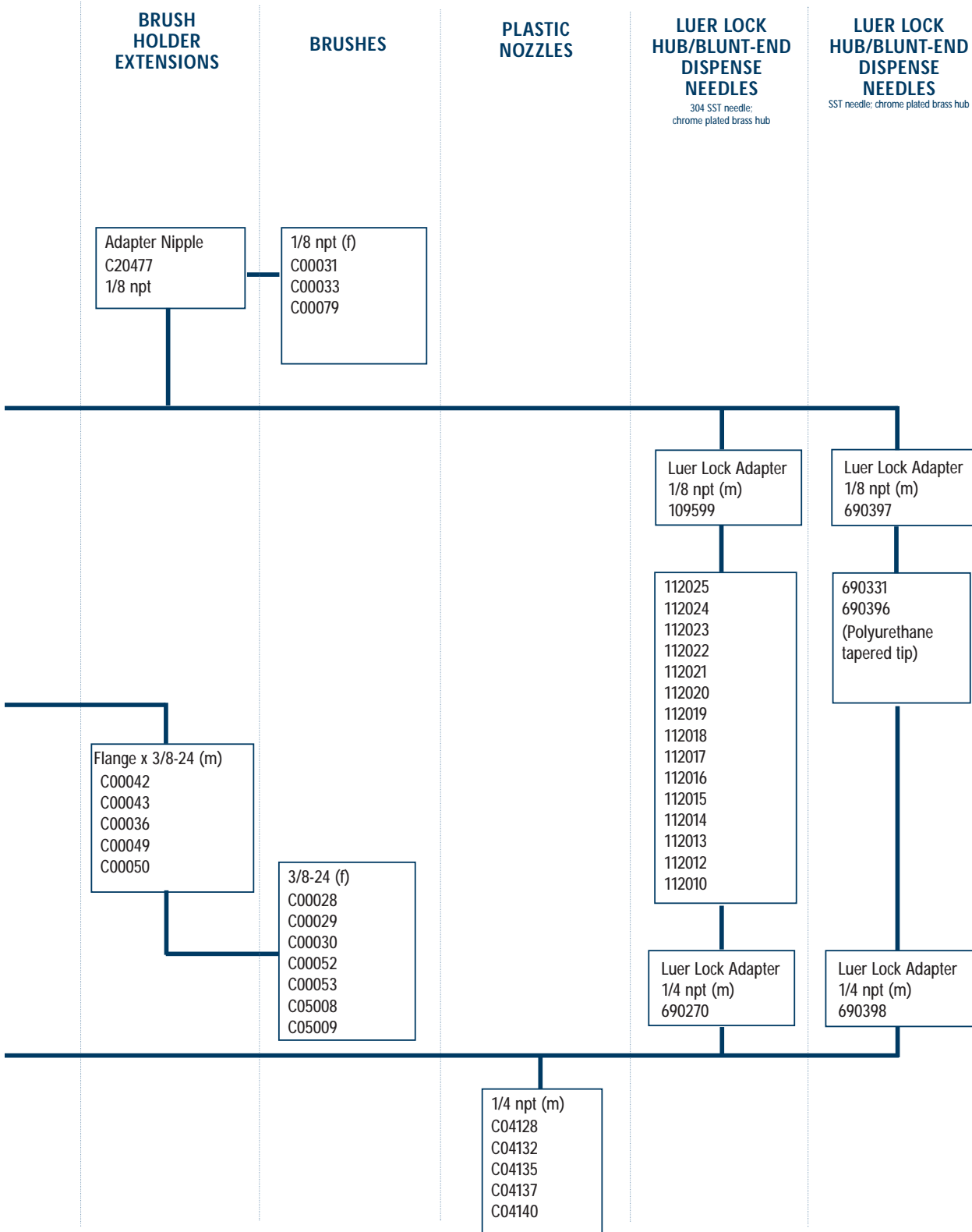
240206 Ultra-Lite Repair Kit (for ball end gun)
For use with Ultra-Lite In-Line Flow Gun with ball end needle (240199). Includes carbide seat, ball needle, o-ring, seal.

207160 Flow Gun Repair Kit
For use with 204355. Includes packings, gaskets, valve stem and valve seat.

Tip and Needle Selection Chart

2





Accessories

Manual Dispense Valves

Silicone Sealant Applicator

948065 Includes 1/4 turn shut-off valve, 4.5 ft. wand, joint-ball tip (0.125" diameter outlet), and 3/4 in nps (m) swivel inlet

Straight-Tip Metal Nozzles

Used for general purpose bead or drop dispensing applications with manual or automatic flow guns. Flange nozzles fit Ultra-Lite and Pyles flow guns with standard nuts provided unless an adapter is noted in the following table. Note: not recommended for use with hot melt guns except where noted.

2

Part Number	Inlet Size	Length	Orifice	Adapter needed or other note
C00005	flange	1.656 in (42.06 mm)	0.187 in (4.75 mm)	
C00006	flange	2 in (50.08 mm)	0.125 in (3.17 mm)	
C00007	flange	2 in	0.093 in (2.3 mm)	
C00008	flange	2 in	0.25 in (6.3 mm)	
C00009	flange	2 in	0.172 in (4.3 mm)	
C00010	flange	2 in	0.062 in (1.5 mm)	
C00011	flange	2 in	0.375 in (9.5 mm)	
C00012	flange	2 in	0.156 in (3.9 mm)	
C00013	flange	2 in	0.046 in (1.1 mm)	
C00014	flange	2.5 in (63 mm)	0.031 in (0.7 mm)	
C00024	flange	2.5 in	0.062 in (1.5 mm)	
C00044	flange	2.5 in	0.062 in (1.5 mm)	
C00046	flange	2.5 in	0.093 in (2.3 mm)	
C00047	flange	2.5 in	0.125 in (3.17 mm)	
C00080	flange	3.5 in (88 mm)	0.125 in (3.17 mm)	
C02050	flange	5.5 in (140 mm)	0.062 in (1.5 mm)	
C00067	5/16-24 (m)	1.72 in (43 mm)	0.064 in (1.62 mm)	C00060
C00096	5/16-24 (m)	1.97 in (50 mm)	0.113 in (2.8 mm)	C00060
C02048	12-32 (f)	1.125 in (31 mm)	0.062 in (1.5 mm)	C17007
C08182	1/4 npt (m)	1.73 in (43.94 mm)	0.079 in (2 mm)	OK with hot melt gun
C08176	1/4 npt (m)	1.73 in (43.94 mm)	0.098 in (2.5 mm)	OK with hot melt gun
C08088	1/4 npt (m)	3 in (76 mm)	0.157 in (4 mm)	OK with hot melt gun
C08188	1/4 npt (m)	2 in (50 mm)	0.125 in (3.17 mm)	OK with hot melt gun
C32003	1/4 npt (m)	3 in (76 mm)	0.125 in (3.17 mm)	OK with hot melt gun
607665	1/8 npt (m)	2 in (50 mm)	0.125 in (3.17 mm)	168683 OK with hot melt gun
161505	1/8 npt (m)	2 in (50 mm)	0.09 in (2.28 mm)	168683
164799	1/8 npt (m)	2.125 in (52.97 mm)	0.055 in (1.39 mm)	168683 OK with hot melt gun
C17009	1/8 npt (m)	1.121 in (28.47 mm)	0.125 in (3.17 mm)	168683 OK with hot melt gun
C08064	1/8 npt (m)	1.22 in (31 mm)	0.18 in (4.57 mm)	168683 OK with hot melt gun

Accessories

Manual Dispense Valves

Bent-tip nozzles

For bead or drop dispensing where target area is more difficult to reach. Flange connections require no adapter. Other fittings require the adapter noted below. None of the nozzles in the following table should be used with hot melt guns.

Part Number	Inlet Size	Length	Orifice	Tip Angle	Adapter
C00048	flange nozzle	2.41 in (61.21 mm)	0.32 in (8.13 mm)	30°	
C00051	flange nozzle	3.44 in (87.38 mm)	0.125 in (3.17 mm)	30°	
C00058	flange nozzle	4.38 in (111.25 mm)	0.093 in (2.36 mm)	30°	
C02047	flange nozzle	3.12 in (79.25 mm)	0.125 in (3.17 mm)	45°	
C02051	flange nozzle	5.25 in (133.35 mm)	0.062 in (1.57 mm)	15°	
C02057	5/16-24 (m)	1.93 in (49 mm)	0.006 in (0.15 mm)	45°	C00060
C04113	flange nozzle	3.5 in (88.9 mm)	0.062 in (1.57 mm)	30°	
C08089	5/16-24 (m)	1.94 in (49.28 mm)	0.046 in (1.17 mm)	45°	C00060
C08090	5/16-24 (m)	2.41 in (61.21 mm)	.46 x 0.093 in 1.17 x 2.36 mm	15°	C00060
C00052	flange nozzle	2.62 in (66.55 mm)	.003 x 0.25 in 0.76 x 6.35 mm	30°	



Ribbon nozzles

For dispensing ribbon beads with manual or automatic flow guns. Flange inlets require no adapter; otherwise use the adapter noted. Do not use with hot melt guns except where noted.

Part Number	Inlet size	Length	Orifice	Tip Angle	Adapter or comment
C00052	flange nozzle	2.68 in (68.1 mm)	0.006 x 0.25 in 0.15 x 6.35 mm	30°	
C01001	flange nozzle	4 in (101.6 mm)	0.006 x 0.25 in 0.15 x 6.35 mm	straight	
C00069	5/16-24 (m)	2.26 in (57.4 mm)	0.045 x 0.31 in 1.14 x 7.87 mm	30°	C00060
C01025	1/8 npt (m)	2.44 in (62 mm)	0.093 x 0.38 in 2.36 x 9.65 mm	straight	168683 Can be used with hot melt guns
C08092	5/16-24 (m)	2.62 in (66.55 mm)	0.06 x 0.22 in 0.15 x 5.59 mm	straight	C00060

Accessories

Manual Dispense Valves

2

Stainless Steel Blunt-End Dispense Needles

For precision bead or drop deposit. All are 2.35 in (59.69 mm) in length and are constructed of 304 stainless steel. Do not use with hot melt guns.

Part Number	Inlet Size	Inner Diameter (wire gauge)	Outer Diameter	Adapter
112007	1/8 npt (m)	0.150 in (3.81 mm) (7)	0.180 in (4.57 mm)	168683
112006	1/8 npt (m)	0.135 in (3.43 mm) (8)	0.165 in (4.19 mm)	168683
112005	1/8 npt (m)	0.106 in (2.69 mm) (10)	0.134 in (3.40 mm)	168683
112004	1/8 npt (m)	0.094 in (2.39 mm) (11)	0.120 in (3.05 mm)	168683
112003	1/8 npt (m)	0.085 in (2.16 mm) (12)	0.109 in (2.77 mm)	168683
112002	1/8 npt (m)	0.071 in (1.80 mm) (13)	0.095 in (2.41 mm)	168683
112001	1/8 npt (m)	0.063 in (1.60 mm) (14)	0.083 in (2.11 mm)	168683
112000	1/8 npt (m)	0.047 in (1.19 mm) (16)	0.065 in (1.65 mm)	168683
690399	1/4 npt (m)	0.150 in (3.81 mm) (7)	0.180 in (4.57 mm)	
690403	1/4 npt (m)	0.085 in (2.16 mm) (12)	0.109 in (2.77 mm)	
690405	1/4 npt (m)	0.063 in (1.60 mm) (14)	0.083 in (2.11 mm)	
690406	1/4 npt (m)	0.047 in (1.19 mm) (16)	0.065 in (1.65 mm)	

Straight-Tip Disposable Plastic Nozzles

For bead or drop dispensing of fast-curing material. These nozzles can be trimmed to different lengths to meet specific requirements. Do not use with hot melt. No adapter needed; all have 1/4 npt (m) inlet.

Part number	Length	Orifice
C04128	4 in (101.6 mm)	1/8 in (3.17 mm)
C04137	2.5 in (63.50 mm)	1/8 in (3.17 mm)
C04140	2.5 in (63.50 mm)	1/16 in (1.59 mm)
C04132	4 in (101.60 mm)	1/16 in (1.59 mm)
C04135	4 in (101.60 mm)	1/32 in (0.79 mm)
C51172	3 in (76.20 mm)	0.45 in (11.43 mm)

Brush Extensions

Flange inlet extensions extend the reach of brushes. All have 1/4 npt (m) (6.35 mm) orifice and 30° extension angle. To use with brushes with 1/8 npt (f) inlet, use pipe nipple C20477 between adapter and brush.

Part number	Length
C00042	4 in (101.6 mm)
C00043	6 in (152.4 mm)
C00036	10 in (254 mm)
C00050	5-13/15 in (147.64 mm)
C00049	10 in (254 mm)

Accessories

Manual Dispense Valves

Luer Lok Hub/Blunt-End Dispense Needles

For dispensing drops of adhesive. Luer Lock hubs and needles are quick-disconnect and are used instead of threaded needles when fast-drying or fast-curing material is being dispensed.

The following tips are used with either 1/8 npt (m) adapter 109599 or 1/4 npt (m) adapter 690270, depending upon the valve outlet connection. Tips are 2 in (50.8 mm) long:

Part Number	Outer Diameter (inches)	Inner diameter (inches)
112009	0.018	0.010
112010	0.022	0.012
112012	0.028	0.016
112013	0.032	0.020
112014	0.036	0.023
112015	0.043	0.027
112016	0.050	0.033
112017	0.059	0.041
112018	0.065	0.047
112019	0.072	0.054
112020	0.083	0.063
112021	0.095	0.071
112022	0.109	0.085
112023	0.120	0.094
112024	0.134	0.106
112025	0.165	0.135

The following tips are used with either 1/8 npt (m) adapter (690397) or 1/4 npt (m) adapter 690398, depending upon the valve outlet connection:

- 690331** 0.063 ID x 1/2 in long
- 690396** 0.016 ID x 1.5 in long. This tip has a polyethylene tapered tip



Accessories

Manual Dispense Valves

Brushes

For applying wet films of lower viscosity material using manual flow guns. Do not use with hot melt guns.

Part number	Material	Inlet size	Length	Orifice	Dimensions	Adapter
C00028	horse hair	3/8-24 (f)	1.5 in (38.1 mm)	0.125 in (3.17 mm)	5/8 x 7/8 in (15.88 x 22.23 mm)	brush extension
C00029	horse hair	3/8-24 (f)	1.75 in (44.45 mm)	0.125 in (3.17 mm)	5/8 x 7/8 in (15.88 x 22.23 mm)	brush extension
C00030	nylon bristle	3/8-24 (f)	1.75 in (44.45 mm)	0.125 in (3.17 mm)	5/8 x 7/8 in (15.88 x 22.23 mm)	brush extension
C00031	crimped nylon	1/8 npt (f)	1.75 in (44.45 mm)	0.125 in (3.17 mm)	5/8 x 7/8 in (15.88 x 22.23 mm)	168683
C00033	horse hair	1/8 npt (f)	1.75 in (44.45 mm)	0.188 in (4.78 mm)	5/8 x 7/8 in (15.88 x 22.23 mm)	168683
C00079	crimped SST	3/8-24 (f)	1.5 in (38.1 mm)	0.125 in (3.17 mm)	3/4 x 7/8 in (19.05 x 22.23 mm)	brush extension
C02052	nylon bristle	3/8-24 (f)	3.25 in (82.55 mm)	0.188 in (4.78 mm)	1-3/8 x 1-3/8 in (34.92 x 34.92 mm)	brush extension
C05008	nylon bristle	3/8-24 (f)	1.75 in (44.45 mm)	0.125 in (3.17 mm)	1-1/2 x 1 in (28 x 24.5 mm)	brush extension
C05009	horse hair	3/8-24 (f)	1.75 in (44.45 mm)	0.125 in (3.17 mm)	5/8 x 5/8 in (15.88 x 15.88 mm)	brush extension
521041	horse hair	1/8 npt (f)	1.88 in (47.75 mm)	0.125 in (3.17 mm)	5/8 x 7/8 in (15.88 x 22.23 mm)	168683

2

Swivels

C20838 Straight Swivel

Zinc-plated steel, Viton packings. Max. working pressure: 3000psi (207 bar, 20.7MPa), 3/4 npt (f) x 3/4 npt (m).

207947 Straight Swivel

Zinc-plated steel, urethane packings. Maximum working pressure: 6000 psi (414 bar; 41.4 MPa). 1/2 npt(f) x 1/2 npt(m).

239963 Straight Swivel

Zinc-plated steel, leather packings. Maximum working pressure: 3000 psi (207 bar; 20.7 MPa). 1/4 npt(f) x 1/4 npt(m).

223341 Straight Swivel

Zinc-plated steel, PTFE packings. Maximum working pressure: 3600 psi (248 bar; 24.8 MPa). 1/4 npt(f) x 1/4 npt(m).

207948 Z-Swivel

Zinc-plated steel, urethane packings. Maximum working pressure: 6000 psi (414 bar; 41.4 MPa). 1/2 npt(f) x 1/2 npt(m).

202577 Z-Swivel

Zinc-plated steel, leather packings. Maximum working pressure: 8000 psi (552 bar; 55.2 MPa). 1/4 npt(f) x 1/4 npt(m).

223340 Z-Swivel

Zinc-plated steel, PTFE packings. Maximum working pressure: 8000 psi (552 bar; 55.2 MPa). 1/4 npt(f) x 1/4 npt(m).

Note: Z-Swivels are not intended for use with abrasive materials.