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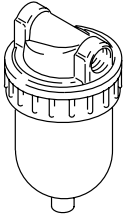
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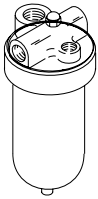
Air Supply Controls

Air Filters

Centrifugal action and 20-40 micron elements remove water and foreign particles from plant air supply. Protects valuable air-powered pumps from corrosive damage.

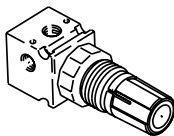
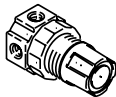
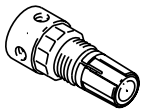


Part No.	For Graco Pump	Inlet/Outlet npt	Max WPR			Max CFM at 100 psi (m ³ /min)	Micron Element	Material	Size (w x h x l) in (cm)	Inst. Manual
			psi	bar	MPa					
106148	President™, Fire-Ball®, Falcon, Monark™	3/8(fxf)	250	17.2	1.72	77 (2.2)	20	Zinc-plated	2.5 x 6.0 x 3.1 (6.4 x 41 x 7.9)	308169
106149	Husky® 1040, 1590, 2150, Senator™, Bulldog®, Glutton™	1/2(fxf)	250	17.2	1.72	106 (3.0)	20	Zinc-plated	3.3 x 6.8 x 6.3 (8.3 x 17 x 16)	308169
106150	Husky 3275 King®	3/4(fxf)	250	17.2	1.72	250 (7.0)	40	Zinc-plated	4.0 x 8.8 x 7.8 (10 x 22 x 20)	308169
112859	Premier™	1(fxf)	250	17.2	1.72	350 (10.0)	40	Zinc-plated	4.5 x 8.8 x 7.9 (12 x 22 x 20)	308169
217074	Senator, Bulldog, Glutton	1/2(fxf)	250	17.2	1.72	106 (3.0)	40	Zinc-plated	3.0 x 7.5 x 6.6 (7.6 x 19 x 17)	308169



Low Volume Air Regulators

Precision control of outlet air pressure. Feedback principle allows constant pressure to pump regardless of air demand rate and fluctuation in supply pressure. Maximum working pressure 300 psi (21 bar, 2.1 MPa).

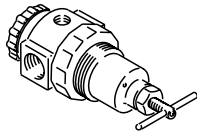


Bare Part No	Assy. Part No*	For Graco Pump	Inlet/Outlet npt	Gauge Ports npt	Regulated Pressure			Max CFM at 100 psi (m ³ /min)	Material	Inst. Manual
					psi	bar	MPa			
104815		Pressure Cup	1/8(f)	1/8(f)	0-60	0-4.1	0-0.41	15 (0.4)	Zinc-plated	308167
110318		TRITON®, Standard, Fast-Ball, Husky	1/4(f)	1/8(f)	0-180	0-12.4	0-1.24	15 (0.4)	Zinc-plated	308167
	110147	205, 307, 515, 716	1/4(f)							
110341		Pressure Cup	1/8(f)	1/8(f)	0-125	0-8.6	0-0.86	39 (1.1)	Zinc-plated	308167
111804		TRITON, Standard, Fast-Ball, Husky	1/4(f)	1/8(f)	0-125	0-8.6	0-0.86	39 (1.1)	Zinc-plated	308167
		205, 307, 515, 716								

*Assemblies include gauge

Air Supply Controls

Low Volume Air Regulators (continued)



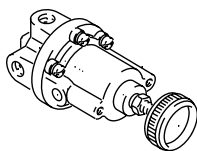
Bare Part No	Assy. Part No*	For Graco Pump	Inlet/Outlet npt	Gauge Ports npt	Regulated Pressure			Max CFM at 100 psi (m ³ /min)	Material	Inst. Manual
					psi	bar	MPa			
110234		Standard, Monark, Fire-Ball, President,	3/8(f)	1/4(f)	0-250	0-17.2	0-1.72	90 (2.5)	Zinc-plated	308167
	109075	Falcon	3/8(f)							
	224512		3/8 x 3/8 ball valve(m)							
	224024		1/4 QD x 3/8(f)							
104266		Husky 1040, 1590, 2150, Senator,	1/2(f)	1/4(f)	0-250	0-17.2	0-1.72	90 (2.5)	Zinc-plated	308167
	203716	Bulldog, Glutton	1/2 90° swivel(f) x 3/8(m)							
	202858		1/2 swivel(f) x 3/8(f)							
	202156		1/2 x 3/8 bushing, gauge							
	223815		1/2 swivel, ball valve, gauge (also order nipple 162505)							
104267		Husky 1040, 1590 2150, Senator,,	1/2(f)	1/4(f)	0-125	0-8.6	0-0.86	90 (2.5)	Zinc-plated	308167
	206237	Bulldog, Glutton (Note: includes air blow gun 208625)	1/2 npsm(f) x 3/8 ball valve(m)							
171937		Pressure Tanks	1/2(f)	1/4(f)	0-125	0-8.6	0-0.86	90 (2.5)	Zinc-plated	308167

*Assemblies include gauge

Low Pressure Air Regulators

Part Number	Description	Inlet	Outlet	Handle	Maximum Inlet Pressure	Max. CFM	Inst. Manual
234389	Air regulator with gauge, self-relieving	1/4" npt (m)	1/4" npt (f)	Knob	160 psi (1.1 MPa, 11 bar)	22 CFM at 50 psi (0.3 MPa, 3.5 bar)	309924
234390	Mini-air regulator	1/4" npt (f)	1/4" npt (f)	Knob	160 psi (1.1 MPa, 11 bar)	22 CFM at 50 psi (0.3 MPa, 3.5 bar)	309924
234391	Air regulator, 2 regulated outlets and 1 non-regulated outlet	3/8" npt (f)	1/4" npt (f)	Tee	175 psi (1.2 MPa, 12 bar)	50 CFM at 100 psi (0.7 MPa, 7 bar)	309924
234392	Air regulator, 3 regulated outlets	3/8" npt (f)	1/4" npt (f)	Tee	175 psi (1.2 MPa, 12 bar)	50 CFM at 100 psi (0.7 MPa, 7 bar)	309924
234393	Air regulator 234391 with gauge & shut-off valve, 1 regulated outlet and 1 non-regulated outlet, 0-160 psi (0-1.1MPa, 0-11 bar) gauge	3/8" npt (m)	1/4" npt (f)	Tee	160 psi (1.1 MPa, 11 bar)	50 CFM at 100 psi (0.7 MPa, 7 bar)	309924
234394	Air regulator 234392 with gauge & shut-off valve, 2 regulated outlets, 0-160 psi (0-1.1 MPa, 0-11 bar) gauge	3/8" npt (m)	1/4" npt (f)	Tee	160 psi (1.1 MPa, 11 bar)	50 CFM at 100 psi (0.7 MPa, 7 bar)	309924

HVLP Air Regulator

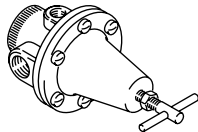
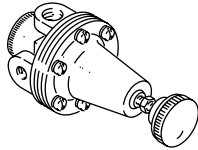


Bare Part No	Inlet/Outlet npt	Regulated Pressure			Max. Working Pressure			Inst. Manual
		psi	bar	MPa	psi	bar	MPa	
110776	1/4(fxf)	0-10	0-0.7	0-0.07	100	7	0.7	308024

Air Supply Controls

High Volume Air Regulators

Precision control of outlet air pressure. For use in systems requiring up to a maximum 380 scfm (10.6 m³/min.). Maximum working pressure 300 psi (20.7 bar, 2.0 MPa).

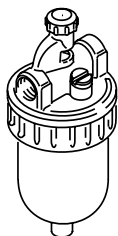
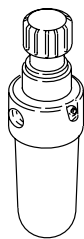


Bare Part No	Assy. Part No*	For Graco Pump	Inlet/Outlet npt	Gauge Ports npt	Regulated Pressure			Max CFM at 100 psi (m ³ /min)	Material	Size (w x h) in (cm)	Inst. Manual
					psi	bar	MPa				
181521		Senator, Bulldog	1/2(f)	1/4(f)	0-75	0-5	0-0.5	200 (5.6)	Zinc/Alum.	3.25 x 7.1 (8.3 x 18)	308168
206197		Senator, Bulldog	1/2(f)	1/4(f)	0-125	0-9	0-0.9	200 (5.6)	Zinc/Alum.	3.25 x 7.1 (8.3 x 18)	308168
	205712	President, Glutton, Husky 2150	3/4 swivel(f) x 3/4(m) hose								
207755		King	3/4(f)	1/4(f)	0-125	0-9	0-0.9	380 (10.6)	Zinc	4.25 x 7.9 (11 x 20)	308168
	207651		3/4 swivel(f) x 3/4(m) hose								
180187		King, Husky 3275	3/4(f)	1/4(f)	0-80	0-6	0-0.6	380 (10.6)	Zinc	4.25 x 7.9 (11 x 20)	308168
	218315		3/4 swivel(f) x 3/4(m) hose								
112728		Premier	1(f)	1/4(f)	0-125	0-9	0-0.9	380 (10.6)	Zinc	4.4 x 10.4 (11.2 x 26)	308168

*Assemblies include gauge, air manifold and bleed valve

Air Lubricators

Extends life of pump and smoothes pump movement by applying measured lubricant to all moving parts within the pump air motor. Control knob and sight window allow adjustment of lubricant dispensed.

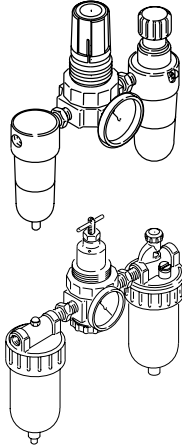


Part No.	For Graco Pump	Inlet/Outlet npt	Max WPR			Material	Size (w x h) in (cm)	Bowl Capacity	Ins. Manual
			psi	bar	MPa				
110148	Husky (except 2150), TRITON, Fast-Flo, Fast-Ball	1/4(f)	300	21	2.1	Zinc/ Alum.	1.5 x 5.0 (3.9 x 12.6)	1 oz (0.03 l)	308169
214847	President, Fire-Ball, Falcon, Monark	3/8(f)	250	17.2	1.72	Zinc	2.5 x 7.2 (6.4 x 18.2)	5 oz (0.15 l)	308169
214848	Senator, Bulldog, Glutton	1/2(f)	250	17.2	1.72	Zinc	3.3 x 7.9 (8.3 x 20)	8 oz (0.24 l)	308169
214849	King	3/4(f)	250	17.2	1.72	Zinc	4.0 x 9.9 (10.3 x 25.1)	16 oz (0.5 l)	308169
237212	Premier	1(f)	250	17.2	1.72	Zinc/ Alum.	4.0 x 9.9 (10.3 x 25.1)	16 oz (0.5 l)	308169

Air Supply Controls

Air Filter-Regulator-Lubricator (FRL) Kits

Easy-to-install combination packaged units include air filter, regulator, pressure gauge, lubricator, mounting bracket(s) and connection fittings.

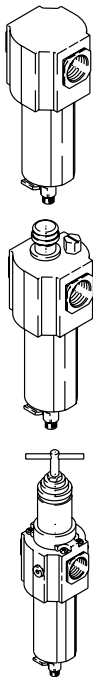


Part No.	For Graco Pump	Inlet/Outlet npt	Max WPR			Material	Size (w x h) in (cm)	Inst. Manual
			psi	bar	MPa			
110149	Husky 205, 307, 515, 716, Fast-Flo, Fast-Ball, TRITON	1/4(f)	300	21	2.1	Zinc	5.1 x 5.1 x 1.6 (13 x 13 x 4.0)	308167 308169
110150	President, Fire-Ball, Falcon Monark, Standard	3/8(f)	250	17.2	1.72	Zinc	8.8 x 9.6 x 4.1 (22 x 24 x 10.5)	308167 308169
217072	Bulldog, Senator, Glutton, Husky 1040 1590, 2150	1/2(f)	250	17.2	1.72	Zinc	8.1 x 10.4 x 4.0 (21 x 26 x 10.5)	308167 308169
217073	King	3/4(f)	250	17.2	1.72	Zinc	15.8 x 13 x 5.0 (40 x 33 x 12.7)	308167 308169
222345*	Senator, Bulldog, Glutton	1/2(f)	250	17.2	1.72	Zinc	15.8 x 13 x 5.0 (40 x 33 x 12.7)	308167 308169

*Note: includes valve 107142, coupled hose, brackets, gauge, union swivel adapter

Modular Style Air Controls

Compact, easy to install and service.

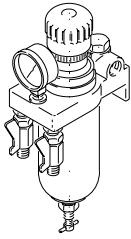


Part No.	For Graco Pump	Inlet/Outlet npt	Max WPR			Material	Size (w x h) in (cm)	Inst. Manual
			psi	bar	MPa			
113434	Air Filter for Senator, Bulldog, King	3/4(f)	250	17	1.7	Aluminum	3.15 x 9.3 (8 x 23)	308722
113435	Air Lubricator for Senator, Bulldog, King	3/4(f)	250	17	1.7	Aluminum	3.15 x 14 (8 x 35.5)	308722
113494	Air Filter-Regulator Senator, Bulldog, King	3/4(f)	250	17	1.7	Aluminum	3.15 x 13 (8 x 33)	308722
113431	Quick-Connector Allows connection of modular filter, regulator and lubricators.	N/A	250	17	1.7	Aluminum		308722

Air Supply Controls

Air Transformers

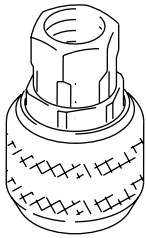
Use for air spray gun supply. Filters, regulates and maintains pressure for spray painting and other applications.



Part No.	Inlet npt	Outlet npt(m)	Inst. Manual
202660	1/2(f)	Two 1/4 regulated	306273 307476
217075	1/2(f)	Two 1/4 regulated or Two 1/4 unregulated	306273 307476

Quick-Connect Air Supply Couplers

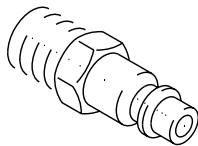
Fast, convenient air hose attachment. Female thread allows easy attachment to Graco air hoses. Use with nipples below.



Part No.	For Graco Pump	Inlet npt	QD	Max WPR			Material
				psi	bar	MPa	
208536	Fast-Flo, TRITON Husky 205, 307, 515, 716	1/4(f)	1/4	300	21	2.1	Brass
110198	Monark, Fire-Ball, Falcon	3/8(f)	3/8	300	21	2.1	Brass
110199	President, Glutton, Husky 1040, 1590, 2150	1/2(f)	1/2	300	21	2.1	Brass
110200	Senator, Bulldog, King	3/4(f)	3/4	300	21	2.1	Brass

Quick-Connect Air Supply Nipples (Pin)

Easy attachment to air motor inlet. Male fitting allows threading directly into Graco air motors.



Part No.	For Graco Pump	Inlet npt	QD	Max WPR			Material
				psi	bar	MPa	
169967	Fast-Flo, TRITON Husky 205, 307, 515, 716	1/4(f)	1/4	300	21	2.1	Steel
169970	Fast-Flo, Standard Husky (except 2150)	1/4(f)	1/4	300	21	2.1	Steel
169971	Monark, Fire-Ball, Falcon	3/8(f)	3/8	300	21	2.1	Steel
110196	President, Glutton Husky 1040, 1590, 2150	1/2(f)	1/2	300	21	2.1	Steel
110197	Senator, Bulldog, King	3/4(f)	3/4	300	21	2.1	Steel

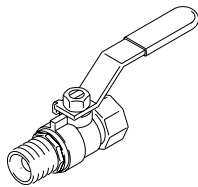
Air Supply Hoses

Available in both fabric-reinforced and self-storing coil styles for general purpose use. Full selection of standard hose lengths. See Hose section beginning on page 89.

Air Supply Controls

Air Shut-Off Valves – Bleed Type

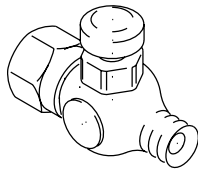
Closes air inlet to pump or accessory and relieves trapped air pressure. Recommended for each drop line.



Part No.	For Graco Pump	Inlet/Outlet npt	Max WPR			Material
			psi	bar	MPa	
110223	Fast-Flo, TRITON Husky 205, 307, 515, 716	1/4(fxf)	250	17.2	1.7	Brass
110224	Monark, Fire-Ball, Falcon	3/8(fxf)	250	17.2	1.7	Brass
110225	President, Glutton Husky 1040, 1590, 2150	1/2(fxf)	250	17.2	1.7	Brass
110226	Senator, Bulldog, King	3/4(fxf)	250	17.2	1.7	Brass
113163	Premier	1 (fxf)	250	17.2	1.7	Brass
107141	Senator, Bulldog, King	3/4(mx f)	250	17.2	1.7	Brass
107142	Bulldog (part of 205712)	1/2(mx f)	250	17.2	1.7	Brass

Air Needle Valve

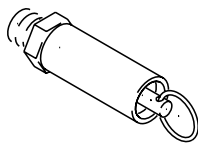
Regulates air flow by rotating tapered stem in or out of the valve orifice.



Part No.	Inlet npt	Outlet npt	Max WPR		
			psi	bar	MPa
205090	1/4(m)	1/4(m)	250	17.2	1.7
206264	1/4(m)	1/8(f)	250	17.2	1.7
205528	1/8(f)	1/8(m)	250	17.2	1.7
206264	1/8(f)	1/4(m)	250	17.2	1.7

Air Pressure Relief Valve

Relief valve opens at a pre-set maximum air pressure to prevent pump from operating beyond the recommended working pressure.

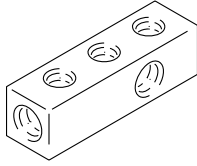


Part No.	Inlet npt	Max WPR			Material
		psi	bar	MPa	
103347	1/4(m)	100	7	0.7	Brass
108124	1/4(m)	75	5.2	0.52	Brass
110065	1/4(m)	60	4	0.4	Brass
214691	1/8(m)	50	3.5	0.35	Alum.
112059	1/8(m)	20	1.4	0.14	Brass
106492	1/4(m)	2.5-5.5	0.2-0.4	0.02-0.04	Brass

Air Supply Controls

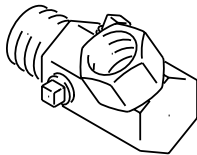
Manifolds

Supply several pumps from a common air supply line. Air inlet port is larger than delivery ports to ensure adequate air flow to all pumps (excluding 177117)



Part No.	Inlet npt	Outlet npt	Max WPR			Material
			psi	bar	MPa	
158990	Two 1/2(f)	Four 3/8	250	17.2	1.7	CS
601950	Two 3/4(f)	Three 1/2	180	12.4	1.2	CS
177117	One 1/2(f)	Five 1/2	180	12.4	1.2	CS

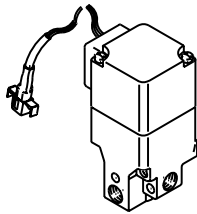
90° Air Manifolds



Part No.	Inlet/Outlet npt	Port	Max WPR			Material
			psi	bar	MPa	
162376	1/2 npt(mx f)	1/4 npt(f)	300	20.6	2.0	CS
161262	1/2 npt(m) x 1/2 npsm(f)	1/4 npt(f)	300	20.6	2.0	CS
206205	3/4 npsm(f) x 1/2 npt(m) (threaded studs)	One 1/4 npt(f) and one 1/8 npt(f)	300	20.6	2.0	CS
207675	3/4 npt(f) x 3/4 npt(m) (threaded studs)	One 1/4 npt(f) and one 1/8 npt(f)	300	20.6	2.0	CS

3-Way Solenoid Valve

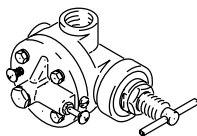
3-way configuration allows valve to be used normally when opened or closed with downstream bleed for pressure relief. Operates on 24 VDC or 115 VAC, 60 Hz or 115 VAC, 50 Hz.



Part No.	Inlet npt	Material	Max WPR		
			psi	bar	MPa
215407	1/2(f)	CS with Zinc plating, Alum., SST	42 scfm	20.6	2.0
105474	1/4(f)	Alum., Brass	14 scfm		

AirGard Runaway Valve

Senses runaway conditions due to empty barrel or hose leak. Automatically stops air supply to the pump. Protects pump from damage due to a runaway condition.

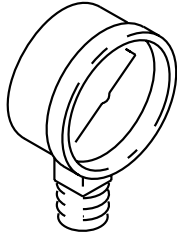


Part No.	Inlet/ Outlet npt	Max WPR			Max CFM at 100 psi (m³/min)	Material	Size (l x w x h) in (mm)	Inst. Manual
		psi	bar	MPa				
224040	3/4(fx f)	120	8.3	0.83	5-250 (0.14-7.0)	Alum. Alloy	6.5 x 4.9 x 3.6 (16.5 x 12.5 x 9.1)	308201

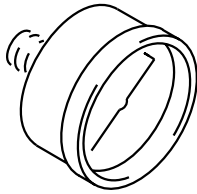
Air Supply Controls

Air Pressure Gauges

Allow visual check of air pressure being supplied to pump. Rated to 200 psi (14 bar, 1.4 MPa).



Part No.	Inlet npt	Max WPR			Ring Description	Dial Diameter in (mm)	Mount Style
		psi	bar	MPa			
160430	1/4(m)	100	7	0.7	black	2.0 (51)	bottom
100960	1/4(m)	200	14	1.4	black	2.0 (51)	bottom
101180*	1/4(m)	200	14	1.4	chrome	2.0 (51)	bottom
104655	1/8(m)	60	4	0.4	black	1.5 (38)	bottom
110319	1/8(m)	200	14	1.4	black	1.5 (38)	bottom
185350*	1/4(m)	15	1.1	0.11	black	3.5 (89)	bottom
111598	1/8(m)	160	11	0.11	black	1.5 (38)	bottom



101689	1/4(m)	200	14	1.4	chrome	2.0 (51)	back
102730	1/8(m)	15	1.1	0.11	black	2.0 (51)	back
111500	1/8(m)	15	1.1	0.11	black	1.5 (38)	back
108190*	1/8(m)	100	7	0.7	black	1.5 (38)	back

**Also can be used as a fluid gauge
Note: 102019 replacement glass, 2 in (51 mm). Note: refer to page 89 for fluid gauges.*

Protective Vinyl Lens Covers

Peel and stick clear vinyl gauge lens glass covers. Easy to replace to remove dirt and overspray. Sold by sheet with 12 stickers each.

Part No.	Description
193199	For 2 in (51 mm) lens

Air Supply Controls

Air Line Desiccant Dryer

Dries compressed air. Removes corrosive moisture that will damage air motors. Protects drum contents from moisture.

Part No.	Description	Air Inlet	Air Outlet	Air Flow Capacity	Max Operating Pressure	Inst. Manual
217341	Air Line Desiccant Dryer	1/2" npt(f)	1/2" npt(f)	15 CFM	150 psi (17.5 bar, 1.7 MPa)	307548
106493	Desiccant air dryer					307548

Note: 106498 desiccant replacement, 1 qt (0.95 l). Approximately 250 55 gal (205 l) drums.

Desiccant Air Drying System

Part No.	Description	Air Inlet	Air Outlet	Air Flow Capacity	Max Operating Pressure	Inst. Manual
234401	3 stage systems includes 234402, 234403 and 234404					309921
234402	Stage 1 – Air filter with auto drain, removes water and contaminants down to 5 microns	1/2" npt(f)	1/2" npt(f)	108 CFM	175 psi (1.2 MPa, 12 bar)	309921
234403	Stage 2 – Coalescer with auto drain, removes oil and sub-micronic particles down to .01 microns	1/2" npt(f)	1/2" npt(f)	35 CFM	175 psi (1.2 MPa, 12 bar)	309921
234404	Stage 3 – Desiccant housing, removes uncondensed moisture	3/4" Reduced to 1/2" npt(f)	3/4" Reduced to 3/8" npt(f)	30 CFM	175 psi (1.2 MPa, 12 bar)	309921
U06765	Replacement Desiccant 4-pack (1 gallon each)					309921

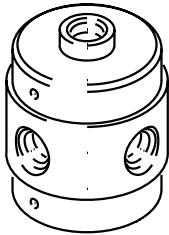
Air Supply Controls

Membrane Air Drying System

Part No.	Description	Air Inlet	Air Outlet	Air Flow Capacity	Max Operating Pressure	Inst. Manual
234418	3 stage systems includes 234406, 234397 and 118560					309920
234406	Stage 1 – Air filter with auto drain, removes water and contaminants down to 5 microns	1/2" npt(f)	1/2" npt(f)	108 CFM	175 psi (1.2 MPa, 12 bar)	309920
234397	Stage 2 – Coalescer with auto drain, removes oil and sub-micronic particles down to .01 microns	1/2" npt(f)	1/2" npt(f)	70 CFM	175 psi (1.2 MPa, 12 bar)	309920
118560	Stage 3 – Membrane air dryer, removes uncondensed moisture	1/2" npt(f)	1/2" npt(f)	30 CFM	175 psi (1.2 MPa, 12 bar)	309920
234394	Self-relieving air regulator	3/8" npt(f)	1/4" npt(f)	100 CFM	160 psi (1.2 MPa, 11 bar)	309920
U22695	Shut off valve					309920

Air Pilot Valve

Uses signal air pressure to open the main air supply for Monark and Fire-Ball pumps.



Part No.	For Graco Pump	Pilot npt	Port npt	Material
104633	Monark, Fire-Ball, Falcon	One 1/8(f)	Three 1/4(f)	Steel, Brass, SST
212097	Installation kit includes 104633, tube fitting, nipple			

104632	President, Bulldog, King	One 1/8(f)	Three 1/2(f)	Alum.
212098	Installation kit includes 104632, tube fitting, nipple, adapter			

Quick Exhaust

Provides fast venting of pump air motor exhaust.

Part No.	Inlet/Outlet npt	Exhaust npt	Material
104661	1/8(f)	1/4(f)	Alum.

Air Supply Controls

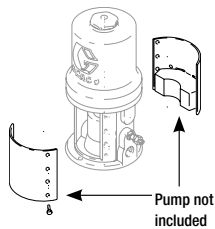
Air Start Switches

Air start switch allows hands free activation or shut-off of compressed air supply to pumps and other repetitive air operation dispense valves.

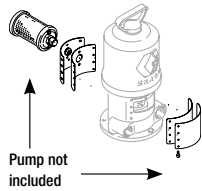
Part No.	Description	Tube Fittings npt	Material
104631	Foot-activated	1/4 npt(f) x tube	Steel
212099	Installation kit includes 104631 and tube fitting		
104165	Fitting	1/4(m) x 1/4 OD tube	Brass
104172	Fitting	1/8(m) x 1/4(m) tube	Brass

Air Motor Mufflers

Air start switch allows hands free activation or shut-off of compressed air supply to pumps and other repetitive air operation dispense valves.



Part No.	Air Motor	Material	Inst. Manual	dBa
241953	Monark	CS, Foam	406443	96



243801	President Remote Exhaust	CS, Foam	309152	-
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222559	Fire-Ball	CS, Foam	307942	-
243421	President	CS, Foam	309094	75
214766	Bulldog	CS, Brass wool	307342	-
208804	Bulldog, King	CS, Brass wool	307104	80

Air Supply Controls

In-Line Air Filters and Air Filter/Regulator Systems

Part No.	Description	Max. Air Inlet Pressure	Weight	Max. CFM	Inst. Manual
234398	Air control unit, filtered main air outlet, two regulated outlets (Filter 234396)	160 psi (1.1 MPa, 11 bar)	5 lb 12 oz (2.6 kg)	120 CFM— Filter 50 CFM— Air Regulator	309923
234399	Air control unit, filtered main air outlet with gauge, two regulated outlets (Filter 234396)	160 psi (1.1 MPa, 11 bar)	6 lb 4 oz (2.8 kg)	120 CFM— Filter 50 CFM— Air Regulator	309923
234400	Air control unit, filtered main air outlet with gauge, three regulated outlets (Filter 234396)	160 psi (1.1 MPa, 11 bar)	7 lb 13 oz (3.5 kg)	120 CFM— Filter 50 CFM— Air Regulator	309923
234411	Air control unit, filtered main air outlet, two regulated outlets (Filter 234410)	160 psi (1.1 MPa, 11 bar)	4 lb 13 oz (2.2 kg)	75 CFM — Filter 50 CFM— Air Regulator	309923

Air Filters with 5 Micron Filtration

Part No.	Description	Inlet	Outlet	Max. Air Inlet Pressure	Weight	Max. CFM	Inst. Manual
234396	Air filter, bare	1/2" npt (f)	3/8" npt (f)	175 psi (1.2 MPa, 12 bar)	3 lb 10 oz (1.6 kg)	120 CFM	309923
234412	Air filter, quick coupler	1/4" npt (f)	1/4" npt (f) 1/4" npt (f) plugged	175 psi (1.2 MPa, 12 bar)	3 lb 2 oz (1.4 kg)	75 CFM	309923
234392	Air regulator					50 CFM	309923

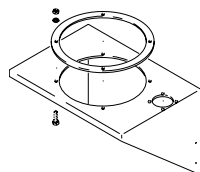
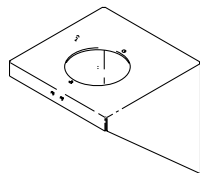
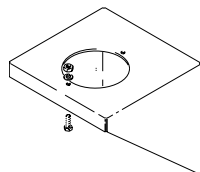
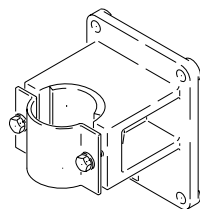
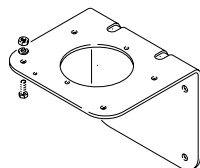
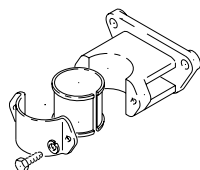
In-Line Air Filters and Coalescers

Part No.	Description	Air Inlet	Air Outlet	Air Flow Capacity	Maximum Inlet Pressure	Inst. Manual
234405	Air filter/coalescer assembly (both with auto drain)	1/2" npt (f)	1/2" npt (f)	70 CFM	175 psi (1.2 MPa, 12 bar)	309919
234406	Stage 1 - Air filter with auto drain removes contaminants to 5 microns	1/2" npt (f)	1/2" npt (f)	108 CFM	175 psi (1.2 MPa, 12 bar)	309919
234407	Stage 2 - Coalescer with auto drain removes particles to 0.01 microns	1/2" npt (f)	1/2" npt (f)	70 CFM	175 psi (1.2 MPa, 12 bar)	309919
234408	Air filter with auto drain removes contaminants to 5 microns	3/4" npt (f)	3/4" npt (f)	300 CFM	175 psi (1.2 MPa, 12 bar)	309919
234409	Coalescer with auto drain removes particles to 0.01 microns	3/4" npt (f)	3/4" npt (f)	115 CFM	175 psi (1.2 MPa, 12 bar)	309919

Pump Mounting Hardware

Wall Brackets & Plates

Quality-made wall shelf brackets support pumps and free-up floor space.



Part No.	Graco Pump Support	Features	Material	Inst. Manual
210881	Fast-Flo	Sturdy, compact.	Cast iron	307427
224835	Husky 307, 515, 716	Wall mount, pump mounting holes.	Painted steel	—
203987	Fast-Flo 1:1 Fire-Ball 5:1 Dyna-Star™ 1:1 Eagle™ 3:1 President 10:1	Mounts pumps with 2-1/8 in (54 mm) diameter riser tubes. Steel strap for securing pump to cast iron V-Block.	Steel, cast iron	306508
236778	Dyna-Star 1/4:1 Power-Star™ 1:1 President 3:1	Mounts pumps with 4 in (102 mm) dia. riser tubes. Steel strap for securing pump to cast iron V-Block.	Steel, cast iron	308394
206778	Monark, President, Viscount in-line and 3-tie-rod divorced stubby pumps	Includes all screws, washers and nuts for fastening pump to bracket	Painted steel	306783
207365	Monark, President, Viscount in-line and 3-tie-rod divorced stubby pumps	Includes all screws, washers and nuts for fastening pump to bracket	Painted steel	306783
206220	Monark, President and Viscount II stanchion tube divorced pumps	Includes all fittings for mounting pumps and paint filter. Order 206108 adapter plate separately to mount 3-tie-rod divorced stubby pumps.	Painted steel	306783
206221	Husky 1040, Senator, Bulldog, King, Viscount II, 3-tie-rod divorced stubby pumps, Glutton and mid-range High-Flo™	Includes gasket, screws, washers and nuts for fastening pump to bracket.	Painted steel	306783
206108	Monark and Viscount I	Adapts Monark 3-tie-rod divorced stubby pump to fit 206220 bracket or 207373 drum cover.	Painted steel	306783
205740	Dual stanchion tube for Monark, President and Viscount to either stand 205640 or 205700	Provision for mounting paint filter/outlet manifold.	Steel	—
184140	Check-Mate™ pumps	Used with 222781 ram.	Painted steel	308026
162225	Monark and President pumps	Used with 206450 ram.	Painted steel	—
244688	Wall mount bracket for stanchion tube, Monark or President with tee on one stanchion tube			

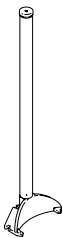
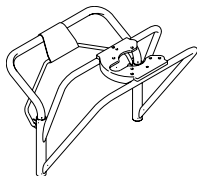
Pump Mounting Hardware

Elevators, Tubes and Controls

Provides pump support when pump is raised and lowered to change pails or drums.

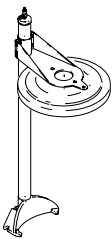
10 Gallon (38 Liter) Pail Elevators

Part No.	Graco Pump Support	Features	Material	Inst. Manual
205332	Use with 10 gal (38 l) cover 207704	Air fitting for quick coupler and restrictor valve	Steel	306466
203664	10 gal (38 l) pail elevator not good for divorced units (will not clear tierods)	Order pail truck 203650 separately to use with Fire-Ball, Monark and President pumps	Steel	306472
204124	Fast-Flo, Fire-Ball	Includes cover 204123 and elevator 205332	Painted steel	306522



16 Gallon (61 Liter) Drum Elevators

Part No.	Graco Pump Support	Features	Material	Inst. Manual
204121	Fire-Ball	Use with 204123 cover to mount Fire-Ball pumps to 120 lb (54.4 kg) drum	Steel	306522

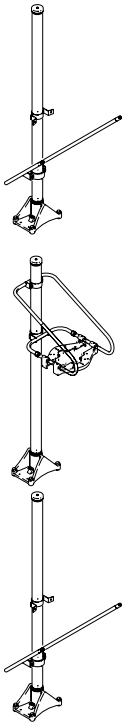


5 Gallon (19 Liter) Inductor Plate

Part No.	Graco Pump Support	Features	Material	Inst. Manual
206747	Fits collar 2.69 in (68.3 mm) ID	—	Steel	—

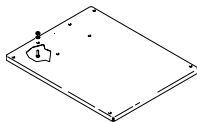
Pump Mounting Hardware

55 Gallon (210 Liter) Drum Elevators



Part No.	Graco Pump Support	Features	Material	Inst. Manual
237747	Fire-Ball, Monark, President	Includes elevator 206231, pump support 237578, and air control kit 237579.	Steel	306287
237746	Fire-Ball, Monark, President cover-mounted pumps	Includes elevator 204385, air control valve 237579, floor mount base and drum cover support 237578.	Steel	306287
204352	Fire-Ball, Monark, President in-line and divorced design pumps without drum cover or bung adapter	Includes elevator 204385 and bracket 204510.	Steel	306568
204385	Fire-Ball, Monark, President	Elevator only with stationary base.	Steel	306287
237902	Bulldog, King Drum Cover Mount	Includes elevator 207408, pump support 237578, and air control kit 237579.	Steel	
237525	Elevator Retrofit Kit	Designed to adapt elevators with old support ring to fit new SST drum covers 237306 thru 237310, 190206, 238008 and others. Drum support not included.	Steel	308467

55 Gallon (210 Liter) Drum Elevator Base Plates



Part No.	Features	Material	Inst. Manual
205339	Provides stable surface if floor is too irregular for proper operation. Use with 207408 and 204385.	Steel	306556
Part No.	Features	Material	Inst. Manual
204490	Monark (224350) and President (224348). Includes elevator, inductor plate, pump bracket, up/down control, air hose and steel base. Requires pump adapter 161251. Also requires flange (160754).	Steel	306556
207039	Bulldog 5:1, 33:1 and King 45:1. Features same as 204490.	Steel	306882
Part No.	Features	Material	Inst. Manual
204405	Fits collar 2.22 in ID.	Steel, Rubber	—

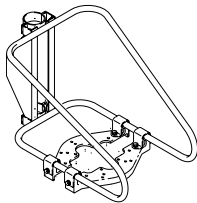
Pump Mounting Hardware

55 Gallon (210 Liter) Drum Cover Lift Support

Part No.	Features	Material	Inst. Manual
237578	For drum cover-mounted pumps. Requires support arms to attach cover to elevator. Fits 204385, 237902 and 237747.	Painted steel	306287

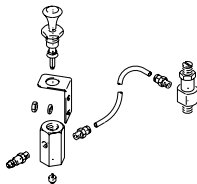
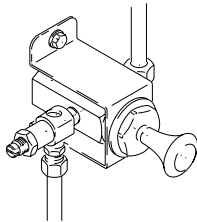
55 Gallon (210 Liter) Drum Wishbone Frame Support

Part No.	Graco Pump Support	Features	Material	Inst. Manual
204510	Fire-Ball, Monark, President in-line pump	Wishbone support and controls for up/down.	—	306568
206232	Bulldog, King	Adjustable bracket attaches to elevator tube 207408.	Zinc-plated steel	306287



55 Gallon (210 Liter) Drum Cover Lift Support

Part No.	Graco Pump Support	Features	Inst. Manual
206276	Bulldog or King pump mounted on a heavy-duty elevator	Includes air regulator with gauge restrictor valve, push-pull valve, air-assist valve, hose and fitting for directing air to pump, elevator and inductor plate.	—
207561	—	Elevator up/down control.	306287

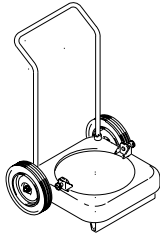


237579	—	Air control kit similar to 206276; plus includes air tube and mounting bracket to locate push-pull control on front edge of stainless steel drum cover.	306287
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Pump Mounting Hardware

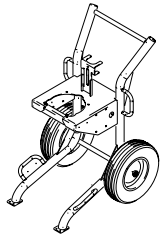
Pail Carts

For job site mobility, Graco offers compact, stable carts and dollies. Available with various frame and tire sizes.



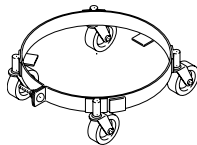
Portable Carts

Part No.	Graco Pump Support	Features	Material	Inst. Manual
203650	5 and 10 gallon (19 and 38 liter) pails	Two wheel cart with handle. Holds pail with pump. Use with 203664.	Painted steel, rubber wheels	306436
238938	Monark, President, Viscount II with 3-tie-rod design and displacement pump length less than 20.5 in (52 cm)	Compact, stable cart with pneumatic tires, double grip handle, heavy-duty support pads. Handle supports large hose coil.	Painted steel, rubber wheels	308136
240223	Monark Stubby, Husky 307	Light duty cart features single handle, hose hook pump/air control bracket.	Painted steel, rubber wheels	308762
244530 (Xtreme)	Senator, Bulldog, King, Viscount II with fluid displacement pump length less than 30 in (76 cm)	Similar to 240223 but more strength for heavier pumps and large hose coils.	Painted steel, rubber wheels	308136
244527	New lightweight cart for Senator, Bulldog, King Pumps		Painted steel, rubber wheels	—
224137	Exclusively for Check-Mate pumps	Same as 203650 plus air lift elevator for raising pump.	Painted steel, rubber wheels	308092
236943	Premier	Welded frame.	Painted steel, rubber wheels	—



Band Dolly

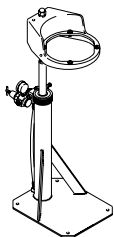
Part No.	Graco Pump Support	Features	Material	Inst. Manual
205054	5 gallon (19 liter) pails	Attaches to pail base. Large swivel wheels.	Painted steel, rubber wheels	—
204144	10 and 16 gallon (38 and 61 liter) drums. Also 5, 10, 15 gallon (19, 38, 56.8 liters) pressure pots.	Attaches to pail base. Large swivel wheels.	Painted steel, rubber wheels	307879



Pump Mounting Hardware

Pump Rams

Stable, secure ram designs hold pumps in place during operation or above container while changing containers. Available in pail and drum styles. Puts pressure on high viscosity fluid surface to force material into pump inlet.



5 Gallon (19 Liter) Single Post Pail Ram

Part No.	Graco Pump Support	Features	Material	Inst. Manual
206450	Senator, Bulldog, King. Use adapter plate 162225 to support Monark and President.	Supports pump on pneumatic post. Pump bracket, air regulator, 5 gallon (19 liters) pail ram, welded floor plate and ram wiper plate.	CS	306838
222781	Exclusive use with Check-Mate pumps. Use adapter plate 184140 to support Monark and President.	Same as 206450.	CS	306838
237636	Bulldog Mount	Narrow tie rod	CS	306838
237561	Bulldog Mount	Wide tie rod	CS	306838



5 Gallon (19 Liter) Two Post Pail Ram

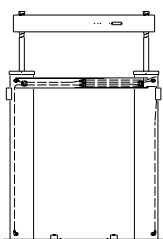
Part No.	Graco Pump Support	Features	Material	Inst. Manual
918495	Bulldog, King, Viscount II	Extra sturdy design. Dual pneumatic posts for extra pressure needed for viscous fluid evacuation through pump inlet. Air controls included. (Order air regulator and ram follower plate separately.)	Painted steel	310525

5 Gallon (19 Liter) Plate Shields

Part No.	Features	Material
223689	Ten disposable shields for 5 gallon (19 liter) pails.	Polyethylene

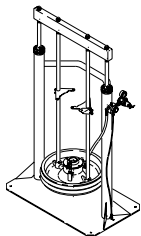
55 Gallon (210 Liter) Two Post Ram

Part No.	Graco Pump Support	Features	Material	Inst. Manual
233087	34:1, 39:1, 45:1, 80:1 Premier; 24:1, 50:1, 65:1 King; 12:1, 31:1 Bulldog; 19:1 Senator; Viscount Hydraulic	Dual pneumatic 6.5 in (165 mm) posts. 125 psi (8.6 bar, 0.8 MPa) max. inbound air pressure. (Order air controls, ram plates, cross-overkit separately.)	CS	310523



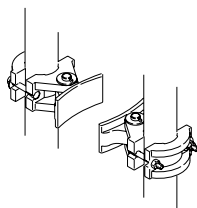
Pump Mounting Hardware

Pump Rams (continued)



55 Gallon (210 Liter) Two Post Drum Rams

Part No.	Graco Pump Support	Features	Material	Inst. Manual
207279	Monark, President, Senator, Bulldog, King, Check-Mate, Dura-Flo pumps. Requires 222776 mounting kit. Adapter plate 162225 required to mount Monark and President.	Includes ram unit, 3 in (76.2 mm) diameter posts, adjustable pump mount, 55 gallon (210 liter) ram plate with double wiper rings, air controls, and 42 in x 25 in (107 cm x 63 cm) base plate. (Order air regulator separately.)	Painted steel	306934
236726	Wiper Ring Replacement Kit. Easy to install. Superior wiping performance. Kit for 207279 ram plate includes two wiper rings and four retainer bands.	Same as 206450.	CS	306838
241988	3" ram without a plate			
C50007	3" ram without a plate or rods			



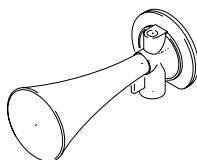
55 Gallon (210 Liter) Drum Clamps

Part No.	Features	Material
206537	Sturdy clamps hold drum centered on base plate in alignment with ram for proper operation. Clamps hold empty drum down while ram is being lifted out. 206537 is a set of 2 clamps.	Grey iron casting

55 Gallon (210 Liter) Double Ram Changeover

Part No.	Features
918468	Pneumatic control automatically switches air supply from one pump to a second pump when supply container empties. Allows uninterrupted supply.

55 Gallon (210 Liter) Low Level Cut-Off Alarm



Part No.	Features
511270	Horn. Provides audible alarm to alert operator that drum is empty.

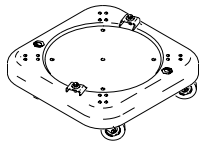
55 Gallon (210 Liter) Plate Shields

Part No.	Features	Material
222792	Ten disposable shields for 55 gallon (210 liter) drums.	Polyethylene

Pump Mounting Hardware

Stands and Bases

Pump support in a wide variety of sizes to match your installation requirements.

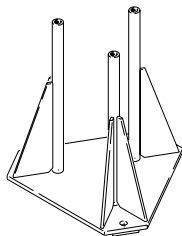


Bases

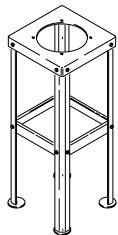
Part No.	Graco Pump Support	Features	Material	Inst. Manual
203622	Fits 5, 10, 16 gallon (19, 38, 61 liters) containers	Four swivel wheels support sturdy platform. Hold-down clamps and secure pail to platform.	Painted steel	306409

Stands

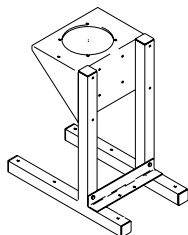
Part No.	Graco Pump Support	Features	Material	Inst. Manual
205640	Pumps with threaded intake and fluid displacement cylinder length less than 22 in (150 mm)	Sturdy, wide stance pump support. Need adapter 206108 to fit Monark and President pumps.	Cast iron, steel	306720
205700	Pumps with threaded intake and fluid displacement cylinder length of 22 to 33 in (550 to 840 mm)	Sturdy, wide stance pump support. Need adapter 206108 to fit Monark and President pumps.	Cast iron, steel	306720



218742	High-Flo with high volume and high flow surge tanks	Extra sturdy floor stand.	Cast iron, steel	306720
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220581	High Flo mid-range with 220xxx part no.	Extra sturdy floor stand.	Painted steel	307837
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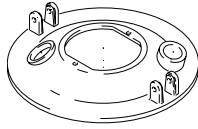


217296	Foam-Cat proportioning pump and heater	Sturdy and stable design.	Steel	307551
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Pump Mounting Hardware

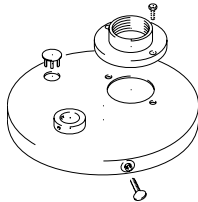
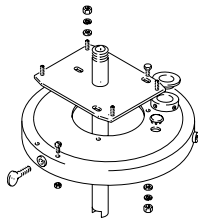
Pail & Drum Covers

Graco sturdy covers support a wide array of pumps. Choose from pail or drum covers.



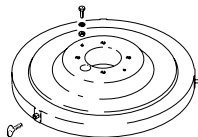
5 Gallon (19 Liter) Pail Covers

Part No.	Graco Pump Support	Features	Material	Inst. Manual
164725	Monark 23:1, Standard 2:1	Agitator mounting port and fill-port. Secure cover to pail with latch hooks 204534, latch handles 204535, pivot pins 161395, washers 158223, and cotter pins 100063. (Order separately.)	Alum.	306700
205786	Monark 23:1	Agitator mounting port. Secure cover and adjust pump height with thumbscrews 100220 (3) and spacer 165094 (1). (Order separately.)	Painted steel	—
206522	Fire-Ball 15:1	Secure cover and pump to pail with lock washers 100016, cap screws 100022, and thumbscrews 100220 (3). (Order separately.)	Painted steel	—
222058	Fire-Ball 15:1	Same as 206522. Includes all fasteners.	Painted steel	—
240212	Husky 307		SST	
604477	President 30:1	Use with 607115 spacer		
221095	Husky 515/716	Agitator mounting port, suction tube and mounting hardware.	Painted steel	307857
• 224302	Standard 2:1	Kit includes SST cover 224265, pail flange 186558, screws, plastic 1 in (25.4 mm) plug and thumb screw.	Painted steel	307857
197216	Triton	SST pail cover for Triton		
235654	Husky 307	SST pail cover for Husky 307 with suction tube		
240212	Husky 307	Bare SST cover		
205786		CS pail cover - 5" BHP with agitator mount		
224004	2:1 Standard	SST pail cover		
243337		Used in kit 243340		



• *Waterborne compatible*

10 Gallon (38 Liter) Pail Covers



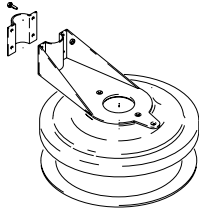
Part No.	Graco Pump Support	Features	Material	Inst. Manual
204574	Fire-Ball 50:1	Thumbscrews and rubber gasket.	Painted Steel	306345

Pump Mounting Hardware

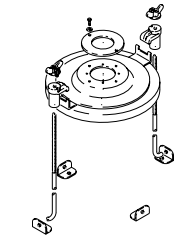
Pail & Drum Covers (continued)

16 Gallon (61 Liter) Drum Covers

Part No.	Graco Pump Support	Features	Material	Inst. Manual
204574	Fire-Ball 50:1/15:1/5:1; Fast-Flo™, hand lever pumps	Thumbscrews and cover gasket. Adapter plate 167754. (Order separately.)	Painted steel	306345



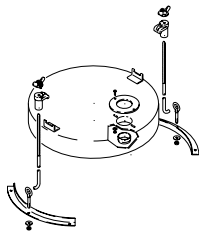
204123	Fire-Ball 50:1/15:1, Fast-Flo 1:1	Includes rubber gasket. Use with elevator tube 204121. (Order separately.) Fast-Flo requires adapter plate 167754. (Order separately.)	Painted steel	306522
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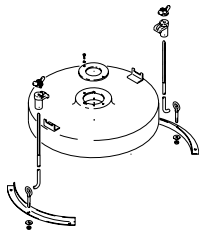
204269	Fire-Ball 50:1/15:1	Hold down rods, brackets and rubber gasket.	Painted steel	306345
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55 Gallon (210 Liter) Drum Covers for Lube Pumps

Part No.	Graco Pump Support	Features	Material	Inst. Manual
200326	Fire-Ball 50:1/15:1, President 10:1	Center mount for open head drums.	Painted steel	—



206586	Fire-Ball 5:1, President 10:1	Tie-rod attachment to drum.	Painted steel	306345
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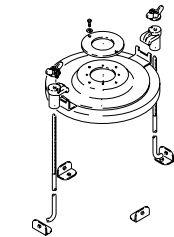
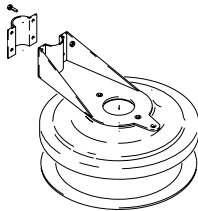
204273	Fire-Ball 50:1/15:1	For in-line pumps.	Painted steel	306345
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Pump Mounting Hardware

Pail & Drum Covers (continued)

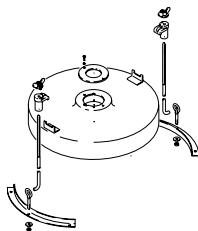
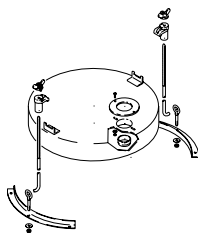
16 Gallon (61 Liter) Drum Covers

Part No.	Graco Pump Support	Features	Material	Inst. Manual
204574	Fire-Ball 50:1/15:1/5:1; Fast-Flo™, hand lever pumps	Thumbscrews and cover gasket. Adapter plate 167754. (Order separately.)	Painted steel	306345
204123	Fire-Ball 50:1/15:1, Fast-Flo 1:1	Includes rubber gasket. Use with elevator tube 204121. (Order separately.) Fast-Flo requires adapter plate 167754. (Order separately.)	Painted steel	306522
204269	Fire-Ball 50:1/15:1	Hold down rods, brackets and rubber gasket.	Painted steel	306345



55 Gallon (210 Liter) Drum Covers for Lube Pumps

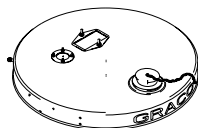
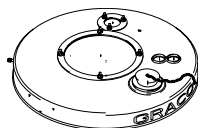
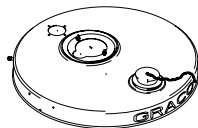
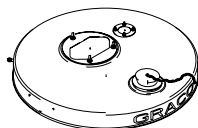
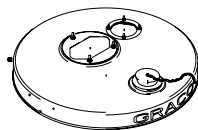
Part No.	Graco Pump Support	Features	Material	Inst. Manual
200326	Fire-Ball 50:1/15:1, President 10:1	Center mount for open head drums.	Painted steel	306345
206586	Fire-Ball 5:1, President 10:1	Tie-rod attachment to drum.	Painted steel	306345
204273	Fire-Ball 50:1/15:1	For in-line pumps. <i>See also drum cover with agitator 207199</i>	Painted steel	306345



Pump Mounting Hardware

Pail & Drum Covers (continued)

55 Gallon (210 Liter) Drum Covers for Paint Pumps & Agitators



Part No.	Graco Pump Support	Features	Material	Inst. Manual
• 237306	President, Monark, Standard and Fast-Flo	Includes inspection port plug, bolts, nuts, and gaskets. Fits agitator 206758 and siphon tube 206266.	304 SST	308466
• 237307	President and Monark	Includes inspection port plug, bolts, nuts, and gaskets. Fits agitators 204995 and 203711.	304 SST	308466
• 237308	President (two bolt mounting)	Includes inspection port plug, bolts, nuts, and gaskets. Fits agitators 204995, 206219 and filter 214724.	304 SST	308466
• 237309	King, Bulldog, Senator, and President	Includes inspection port plug, bolts, nuts, and gaskets. Fits agitator 205715 and air regulator 207651 (King), and air regulator 205712 (Bulldog).	304 SST	308466
• 237310	Standard	Includes inspection port plug, bolts, nuts, and gaskets. Fits agitators 204995, 206219 and filter 214724.	304 SST	308466
• 237949	Glutton	Features inspection port plug, agitator port; return tube ports, Glutton bolt holes and siphon tube port.	304 SST	308466
• 238008	Most Graco pumps except Premier	Features only inspection port with plug. No other holes. Additional holes cut to fit particular application.	304 SST	308466
• 190206	Most Graco pumps except Premier	Blank cover with no holes. Heavy duty 12 gauge SST. Not passivated.	304 SST	308466
• 238283	Fits agitator 238157	Includes inspection port, return port and mounting holes for agitator.	304 SST	308609

• Waterborne compatible

Drum Cover Accessories

Part No.	Graco Pump Support	Features
• 237524	Optional Handle Kit	Includes two SST handles and fasteners.
• 112924	Drum Lip Gasket	Disposable "snap-fit" gasket provides seal between top of drum and underside of drum cover to minimize evaporation.

Note: See elevators and drum cover support accessories on pages 21-23. For bung adapter flanges see page 31.

• Waterborne compatible

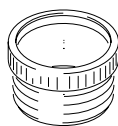
Pump Mounting Hardware

Drum Bung Adapters & Flanges

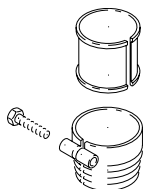
Graco adapters allow pumps to be threaded into 2 in npt bung openings. Supports a wide array of Graco pumps.

Drum Bung Adapters

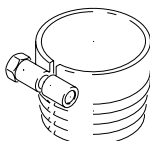
Part No.	Graco Pump Support	Features	Material	Inst. Manual
204076	Mount lightweight lever pumps with 2-1/8 in (54 mm) diameter riser tubes	Use with Sturdi-Clamp 204095. Includes O-ring seal.	Steel	—
205573	Stainless steel pumps with 2-1/8 in (54 mm) diameter riser tubes	Includes thumbscrew to secure pump riser tube at adjusted height. (Order non-corrosive Sturdi-Clamp 204858 to mount pump on side of open head drum or tank separately.)	Steel	—
239966	Fits Fire-Ball 15:1, 50:1 and 80:1			



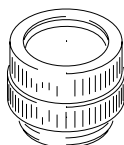
224579	Same as 204706 except 224579 is air tight.	—	Steel	—
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172405	Carbon steel pumps with 2 in diameter.	2 in npt(m) thread. Use with Sturdi-Clamp 204858 to mount pumps on open head drum or tank. (Order separately.)	Carbon steel	307427
222308	Carbon steel pumps with 2 in diameter.	2 in npt(m) thread. Use with Sturdi-Clamp 204858 to mount pumps on open head drum or tank. (Order separately.)	Carbon steel	307427
214583	Carbon steel pumps with 2 in diameter.	Assembly - Includes 172405 and 222308 2 in npt(m) thread. Use with Sturdi-Clamp 204858 to mount pumps on open head drum or tank. (Order separately.)	Carbon steel	307427



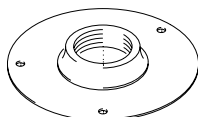
222308	Fits Fast-Ball, Eagle, Fire-Ball, President	Includes bolt. 2.15" diameter	Steel	—
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217359	Fits Fast-Flo 1:1	Air tight, includes O-ring, 2" diameter	Steel	—
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Drum Flange

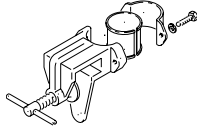
Part No.	Graco Pump Support	Features	Material	Inst. Manual
160754	Mounting for bung adapter equipped with carbon steel pumps on open head drum when used with drum covers 204574 or 200326 (order separately).	2 in npt(f) opening for bung adapter. Four bolt holes.	Aluminum	306538
206258	Use with drum cover 237306 and 237307	Three bolt holes	Cast iron	308466
• 237571	Use with drum cover 237306 and 237307	Three bolt holes	304 SST	308466



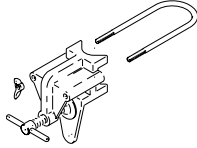
Pump Mounting Hardware

Sturdi-Clamps

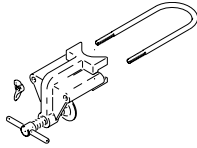
Graco clamps hold pumps secure and upright in drum or tanks.



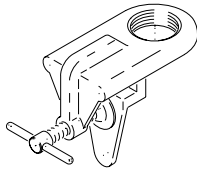
Part No.	Graco Pump Support	Features	Material	Inst. Manual
210880	Fast-Flo 1:1	For 2 in (50.8 mm) tube, in-line only.	CS	307427



203156	Carbon steel pumps with 2-1/8 in (54 mm) dia. riser tubes. For in-line pumps only.	U-bolt to clamp pump at proper depth.	CS	306305
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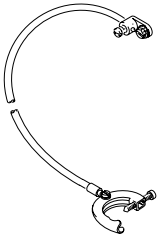
204095	Carbon steel pumps with 2-1/8 in (54 mm) dia. riser tubes in bung hole of closed head drums when used with bung adapter 204076.	U-bolt to clamp pump at proper depth. In-line pumps only.	CS	306521
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204858	Stainless steel pumps using SST bung adapter 205573.	2 in npt(f) opening for open head drums.	Cast iron, nickel-plated, CS	—
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Grounding Clamp

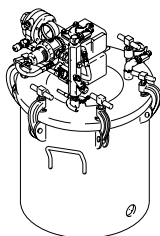
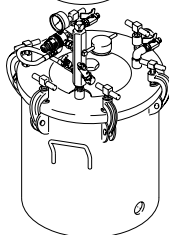
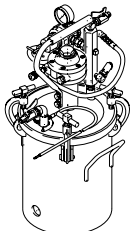
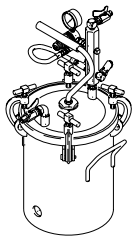
5



Part No.	Graco Pump Support	Features
222011	Grounding wire and clamp	7.6 m (25 ft), 1.5 mm ² (10 gauge)

Pressure Tanks and Cups

Stainless Steel ASME Pressure Tank Models



Capacity	Height in (cm)	Weight lb (kg)	Models with Agitators		Models without Agitators	
			Low Pressure (HVLV) Regulated to 15 psi (1.05 bar, 0.105 MPa)	High Pressure Regulated to 100 psi (7 bar, 0.7 MPa)	Low Pressure (HVLV) Regulated to 15 psi (1.05 bar, 0.105 MPa)	High Pressure Regulated to 100 psi (7 bar, 0.7 MPa)
2 Gallon (8 liter)	26.0 (66.0)	38 (17)	236156	236158	–	–
2 Gallon (8 liter)	25.4 (64.5)	30 (14)	–	–	236155	236157
5 Gallon (19 liter)	30.5 (77.5)	74 (34)	236146	236152	–	–
5 Gallon (19 liter)	30.5 (77.5)	65 (30)	–	–	236143	236149
10 Gallon (38 liter)	33.9 (88.0)	85 (39)	236147	236153	–	–
	33.9 (88.0)	76 (35)	–	–	236144	236150
15 Gallon (57 liter)	44.6 (113.2)	101 (46)	236148	236154	–	–
	44.6 (113.2)	92 (42)	–	–	236145	236151

New optional Gun Air Regulator Kit (235042) can be added to all the tanks above.

All 5, 10 and 15 gal (19, 38, 57 l) pressure tanks with agitators feature heavy-duty back-gear models.

2 gal (8 l) tank has a direct-drive blade high-speed agitator.

Pressure Tank Liners - Polyethylene

Part No.	Description
15D058	20 count, 2 gal (9 l) pressure tank liners
15D059	20 count, 5 gal (19 l) pressure tank liners
15D060	20 count, 10 gal (45 l) pressure tank liners
112077	5 count, 2.5 gal (11 l) pressure tank liners
112078	25 count, 2.5 gal (11 l) pressure tank liners

Pressure Tanks and Cups

Stainless Steel Pressure Tanks

Specifications

Air Inlet	Fluid Outlet	Agitator Air Consumption 5, 10, 15 gal (19, 38, 57 l)		Wetted Parts		Inst. Manual
		Continuous Duty at 60 rpm	2 gal (8 l) Direct Drive	With Agitator	Without Agitator	
1/4 - 18 npt(m)	3/8 - 18 npsm(m)	15 scfm / 0.42 m3/ min. @ 80 psi (5.5 bar, 0.55 MPa)	1/2 HP, 3000 RPM	304, 316 electropol- ished stainless steel, Santoprene, Zytel, Mylar	304, 316 electropol- ished stainless steel, Santoprene, Zytel, PTFE, Bronze, Mylar	2 gal (8 l) - 308370 5, 10, 15 gal (19, 38, 57 l) - 308369

Aluminum Non-ASME Pressure Tank

Specifications

Part No.	Description	Tank Capacity	Max. Working Pressure	Relief Valve Setting	Fluid Inlet	Fluid Outlet	Wetted Parts	Air Inlet	Size (H x W) in (cm)	Weight	Inst. Manual
171226	2-1/2 Gallon Pressure Pot	2.5 gal (9.5 l)	50 psi (3.5 bar, 0.35 MPa)	50 psi 3.5 bar, 0.35 MPa)	1/4 npt(m)	3/8 npsm(m)	Aluminum, brass, steel, buna-N	1/4 npt(m)	21 x 11-1/4 (53 x 286)	11 lb (5 kg)	307133
223833	Pressure Pot with Dual Regulators	2.5 gal (9.5 l)	50 psi (3.5 bar, 0.35 MPa)	50 psi 3.5 bar, 0.35 MPa)	1/4 npt(m)	3/8 npsm(m)	Aluminum, brass, steel, buna-N	1/4 npt(m)	21 x 11-1/4 (53 x 286)	11 lb (5 kg)	307133

Aluminum PTFE Coated Non-ASME Pressure Tank

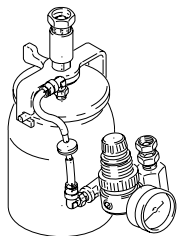
Aluminum Non-ASME pressure tanks feature a sight tube, desiccant dryer and fill port.

Specifications

Part No.	Description	Max. Working Pressure	Air Inlet	Fluid Outlet	Inst. Manual
248224	2-1/2 Gallon Tank Kit	50 psi (3.5 bar, 0.35 MPa)	1/4 OD	3/8 npt	309192
248225	5 Gallon Tank Kit	50 psi (3.5 bar, 0.35 MPa)	1/4 OD	3/8 npt	309192

Pressure Tanks and Cups

Pressure Cups

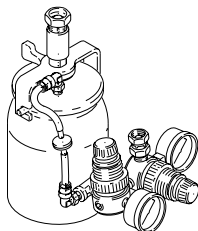


Part No.	qt. (l)	Inlet npsm(f)	Wetted Parts	Inst. Manual
• 239802	1 (0.95)	3/8	304 SST	308791

Note: Single regulator assembly.

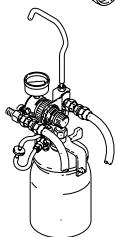
• 239803	1 (0.95)	3/8	304 SST	308791
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Note: Double regulator assembly.



• 239804	1 (0.95)	3/8	304 SST	308791
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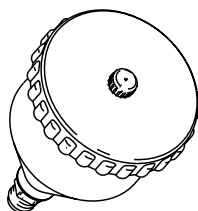
Note: Double regulator assembly.



• 239801	Pressure Cup Only			
214627	Remote 2 qt			
235117	Remote 2 qt, 15 psi			
287301	2 qt remote dual regulator			

• *Waterborne compatible*

Gravity Cups



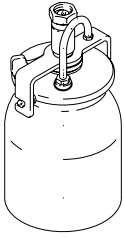
Part No.	Capacity fl. oz. (cc)	Fittings bsp(f)	Wetted Parts	Inst. Manual
• 239714	16 (473)	3/8 bottom entry	Nylon Cup SST Fitting	308792

• 239715	8 (236)	3/8 bottom entry	Nylon Cup SST Fitting	308792
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• *Waterborne compatible*

Pressure Tanks and Cups

Siphon Cups



Part No.	Capacity fl. oz. (cc)	Fittings bsp(f)	Wetted Parts	Inst. Manual
• 239582	32 (946)	3/8	SST	308792
• 239584	16 (236)	3/8	SST	308792

• *Waterborne compatible*

3M™ PPS™ Cup System

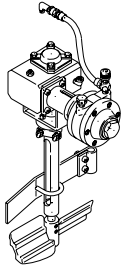
Description	6 oz.	25 oz.	32 oz.	Inst. Manual
Cup and Collar (box of 8)	234941	234771	234937	310693
Lid and Liner (box of 50)	234940	234772	234938	310693
Measurement Insert (box of 100)	234942	15F531	234939	310693

- 234837 Gravity Kit (25 oz)**
One each: cup, collar, lid, liner and adapter
- 234773 Siphon Kit (25 oz)**
One each: cup, collar, lid, liner and adapter
- 15E470 3M™ PPS™ Lid Dispenser**
- 15E469 3M™ PPS™ Liner Dispenser**
- 15E467 3M™ PPS™ Gun Tray**
- 15D684 3M™ PPS™ Siphon Feed Adapter**
- 15C464 3M™ PPS™ Gravity Feed Adapter**

Instruction Manual 310693

Agitators

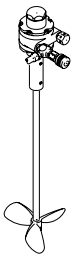
Agitators for Pressure Tanks - Heavy Duty



Part Number	Description	Drive	HP	LENGTH (IN (CM))	Material	Inst. Manual	Sales Literature
• 236661	5 gallon (19 liter), gear reduced	Air	1/2	15 (38)	304/316 SST	308371	
• 236662	10 gallon (38 liter), gear reduced	Air	1/2	20.75 (53)	304/316 SST	308371	
• 236663	15 gallon (57 liter), gear reduced	Air	1/2	31 (79)	304/316 SST	308371	

• *Waterborne compatible*

Agitators for 5 Gallon (19 Liter) Pails



Part Number	Description	Drive	HP	LENGTH (IN (CM))	Material	Inst. Manual	Sales Literature
• 222695	Round prop	Air	1/4	13.25 (33.6)	SST	307968	
• 204536	Round prop (3 blade)	Air	1/4	13.25 (33.6)	SST	306565	
226086	Pail cover, round prop	Air	1/4	13.25 (33.6)	CS	306670	
243340	SST pail cover with SST agitator	Air	1/4	13.25 (33.6)	SST	306565	
245081	SST pail agitator kit for TRITON pkgs	Air	1/2	13.25 (33.6)	SST	309305	
245895	CS pail cover with SST agitator	Air	1/4	13.25 (33.6)	CS	306565	

• *Waterborne compatible*

Agitator for 10 Gallon (38 Liter) Pails



Part Number	Description	Drive	HP	LENGTH (IN (CM))	Material	Inst. Manual	Sales Literature
• 224572	Single round prop (3 blade)	Air	1/4	17.25 (43.8)	SST	306565	

• *Waterborne compatible*

Agitators for 15 Gallon (57 Liter) Pails



Part Number	Description	Drive	HP	LENGTH (IN (CM))	Material	Inst. Manual	Sales Literature
207953	Dual round prop (3 blade each)	Air	1/4	29 (73.6)	CS	306840	
• 210067	Sawblade prop	Air	3/4	20.87 (53)	SST	307154	

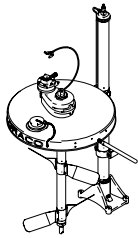
• *Waterborne compatible*

Agitator Air Motors

Part Number	HP	Repair Kit	Sales Literature
101140 and 162425	1/2	207335	
101388	1	207336	
101687	1/4	207337	

Agitators

Agitators for 55 Gallon (210 Liter) Drum and 30 Gallon (114 Liter) Mix Tanks



Part Number	Description	Drive	HP	LENGTH (IN (CM))	Material	Inst. Manual	Sales Literature
• 231414	Heavy-duty back-gear agitator with elevator, drum cover and siphon kit	Air	1/2	32 (81.25)	SST	308609	
• 231413	Same as 231414 except without siphon capability	Air	1/2	32 (81.25)	SST	308609	
• 231418	Same as 231414 plus Husky 715, hose and dispense gun	Air	1/2	32 (81.25)	SST	308666	
• 231419	Same as 231418 without hose and gun	Air	1/2	32 (81.25)	SST	308666	
• 238157	Heavy-duty back-gear agitator	Air	1/2	32 (81.25)	SST	308609	
• 240209	Same as 238157 with siphon kit	Air	1/2	32 (81.25)	SST	308609	
• 238250	Siphon Tube Kit; fits 238157 agitator.			43 (109)	SST	308609	
• 191920	Shaft extension; fits 238157 agitator. Do not use with siphon kit 238250			7 (17.8)	SST	308609	
• 191606	Shaft extension; fits 238157 agitator. Do not use with siphon kit 238250			16 (40.6)	SST	308609	
206758	Dual round prop; mounts on cover	Air	1/2	31.25 (79.3)	CS	306840	
207199	Includes 206758 and 55 gallon (210 liter) cover	Air	1/2	31.25 (79.3)	CS (SST cover)	306938	
203711	Mounts on 237307 SST cover; agitator supports mount to suction tube or pump cylinder	Air	1/2	31.25 (79.3)	CS	306459	
204995	Mounts on 237307 cover; mounts to suction tube or pump cylinder	Air	1/2	31.25 (79.3)	CS	306459	
206219	Mounts on 237308 cover	Air	1/2	31.25 (79.3)	CS (SST cover)	306459	
204482	Mounts on 237310 cover	Air	1/2	31.25 (79.3)	CS	306459	



Mastics

Part Number	Description	Drive	HP	LENGTH (IN (CM))	Material	Inst. Manual	Sales Literature
205715	For mastics	Air	2-1/2	33.50 (85)	CS	307277	
• 210068	With sawblade prop	Air	3/4	33.87 (86)	SST	307154	
214853	Includes dual round prop	Hydr.	1/2	34 (86.4)	CS, Alum.	307331	
214906	Includes cover 237306	Hydr.	1/2	34 (86.4)	CS, Alum.	307331	
• 222698	Includes single round prop	Air	1/2	31.25 (79.3)	SST	306840	
225883	Includes dual round prop; open drum	Air	2-1/2	41.5 (105.4)	CS, Alum. Iron	306426	
225831	Includes dual round prop; open drum	Air	1	41.5 (105.4)	CS, Alum. Ductile Iron Bronze	306358	
245081							

• Waterborne compatible

Agitators

Twistork™ Agitators



Part Number	Description	Drive	HP	Length in (cm)	Material	Inst. Manual	Sales Literature
• 236629*	Twistork, standard siphon model	Air	3/4	47.5* (121)	304 SST	308345	

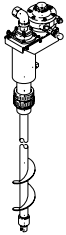
*Adjustable depth models for drums 31-1/2 in to 35-1/2 in (80 cm to 90.1 cm) deep. Siphon tube designed to rest on drum bottom.

• 238859	Twistork, siphon with polypropylene/PTFE Husky 515 pump	Air	3/4	61.0 (155)	304 SST	308656	
• 238860	Twistork, siphon with Acetal/PTFE Husky 515 pump	Air	3/4	61.0 (155)	304 SST	308656	



• 224854	Twistork, non-siphon	Air	1-1/2	37.25 (95)	CS	308175	
• 235534	Twistork, non-siphon	Air	1-1/2	37.25 (95)	304 SST	308175	

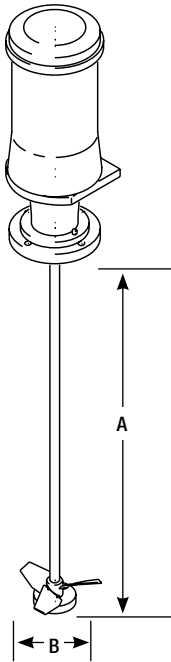
Agitator for 60 Gallon (228 Liter) Mix Tanks



Part Number	Description	Drive	HP	Length in (cm)	Material	Inst. Manual	Sales Literature
206760	Dual round prop	Air	1.5	33.25 (84.4)	CS, Alum.	306840	

Agitators

LSA-200 Agitator



Agitator Part Number	Drive	HP	A. Shaft Length in. (mm)	B. Impeller Diameter in. (mm)	Material	Inst. Manual	Sales Literature
922198	Air		29 (737)	8.8 (224)			
922003	Air		29 (737)	8.8 (224)			
922010	Electric		31 (787)	8.8 (224)			
922013	Air		31 (787)	8.8 (224)			
962686	Electric		33 (838)	8.8 (224)			
962684	Air		33 (838)	8.8 (224)			
922208	Electric		34 (864)	8.8 (224)			
962601	Air		34 (864)	8.8 (224)			
922029	Electric		35 (889)	8.8 (224)			
922031	Air		35 (889)	8.8 (224)			
922032	Electric		36 (914)	7.6 (193)			
922033	Electric		36 (914)	8.8 (224)			
922211	Air		36 (914)	7.6 (193)			
922034	Air		36 (914)	8.8 (224)			

Agitator Shaft Replacement

Agitator Shaft Part Number	Shaft Length in. (mm)	Agitator Shaft Part Number	Shaft Length in. (mm)
516900	19 (483)	516909	28 (711)
516901	20 (508)	516910	29 (737)
516902	21 (533)	516911	30 (762)
516903	22 (559)	516912	31 (787)
516904	23 (584)	516913	32 (813)
516905	24 (610)	516914	33 (838)
516906	25 (635)	516915	34 (864)
516907	26 (660)	516917	36 (914)
516908	27 (686)	516918	37 (940)

LSA Drive Units

LSA Drive Units Part Number	Drive
516552*	Air Drive Unit
516556	Electric Drive Unit
516560	Hydraulic Drive Unit

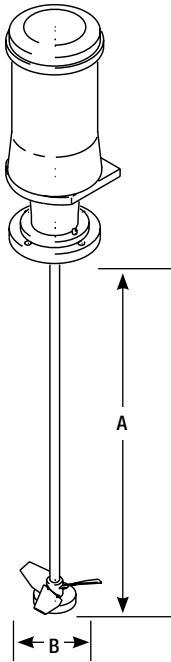
Requires 96A498 Filter Kit (5 micron)
51B373 Filter Element (5 micron)
Note: LSA-200 Agitator shaft diameter is 16 mm.

Impeller Replacement

Impeller Part Number.	Impeller Diameter in. (mm)	Impeller gpm (lpm)	Shaft Lengths Allowed in. (mm)
515770	7.6 (193)	371 (1404)	0-37 (0-940)
515771	8.8 (224)	574 (2173)	0-36 (0-914)
515772	10 (254)	844 (3196)	0-35 (0-889)
515773	11.2 (284)	1187 (4493)	0-32 (0-813)

Agitators

LSA-220 Agitators



Agitator Part Number	Drive	HP	A. Shaft Length in. (mm)	B. Impeller Diameter in. (mm)	Material	Inst. Manual	Sales Literature
922036	Electric		29 (737)	10.0 (254)			
922040	Air		29 (737)	10.0 (254)			
962613	Air		29 (737)	11.2 (284)			
962553	Electric		30 (762)	10.0 (254)			
962552	Air		30 (762)	10.0 (254)			
922231	Electric		32 (813)	10.0 (254)			
922045	Air		30 (762)	11.2 (284)			
922055	Air		32 (813)	10.0 (254)			
922238	Electric		33 (838)	11.8 (300)			
922241	Air		33 (838)	11.8 (300)			
962764	Electric		34 (864)	10.0 (254)			
922253	Electric		36 (914)	10.0 (254)			
962642	Electric		36 (914)	11.2 (284)			
962732	Air		36 (914)	11.2 (284)			
962824	Air		36 (914)	11.8 (300)			

Agitator Shaft Replacement

Agitator Shaft Part Number	Shaft Length in. (mm)	Agitator Shaft Part Number	Shaft Length in. (mm)
516901	20 (508)	516910	29 (737)
516902	21 (533)	516911	30 (762)
516903	22 (559)	516912	31 (787)
516904	23 (584)	516913	32 (813)
516905	24 (610)	516914	33 (838)
516906	25 (635)	516915	34 (864)
516907	26 (660)	516917	36 (914)
516908	27 (686)	516918	37 (940)
516909	28 (711)	516919	38 (965)

LSA Drive Units

LSA Drive Units Part Number	Drive
516553*	Air Drive Unit
516557	Electric Drive Unit
516561	Hydraulic Drive Unit

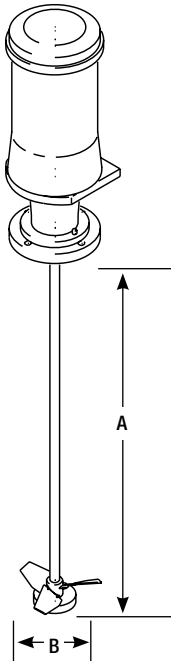
*Requires 96A498 Filter Kit (5 micron)
51B373 Filter Element (5 micron)
Note: LSA-220 Agitator shaft diameter is 16 mm.

Impeller Replacement

Impeller Part Number.	Impeller Diameter in. (mm)	Impeller gpm (lpm)	Shaft Lengths Allowed in. (mm)
515770	7.6 (193)	297 (1124)	0-38 (0-965)
515771	8.8 (224)	459 (1737)	0-38 (0-965)
515772	10 (254)	675 (2555)	0-38 (0-965)
515773	11.2 (284)	949 (3591)	0-37 (0-940)
515774	11.8 (300)	1112 (4209)	0-36 (0-914)
515775	12.8 (325)	1417 (5363)	0-34 (0-864)
515776	13.6 (345)	1700 (6435)	0-32 (0-812)

Agitators

LSA-300 Agitators



Agitator Part Number	Drive	HP	A. Shaft Length in. (mm)	B. Impeller Diameter in. (mm)	Material	Inst. Manual	Sales Literature
922084	Electric		34 (864)	19.0 (483)			
922089	Air		34 (864)	19.0 (483)			
962742	Electric		36 (914)	15.1 (384)			
922103	Air		36 (914)	15.1 (384)			
922110	Electric		37 (940)	19.0 (483)			
922115	Air		37 (940)	19.0 (483)			
922138	Electric		40 (1016)	18.0 (457)			
922143	Air		40 (1016)	18.0 (457)			
962730	Electric		42 (1067)	15.6 (396)			
922158	Air		42 (1067)	15.6 (396)			
922170	Electric		44 (1118)	15.6 (396)			
922175	Air		44 (1118)	15.6 (396)			
962828	Electric		46 (1168)	15.1 (384)			
922193	Air		46 (1168)	15.1 (384)			
962824	Air		36 (914)	11.8 (300)			

Agitator Shaft Replacement

Agitator Shaft Part Number	Shaft Length in. (mm)	Agitator Shaft Part Number	Shaft Length in. (mm)
516920	36 (914)	516932	48 (1219)
516921	37 (940)	516933	49 (1245)
516922	38 (965)	516934	50 (1270)
516923	39 (991)	516935	51 (1295)
516924	40 (1016)	516936	52 (1321)
516925	41 (1041)	516937	53 (1346)
516926	42 (1067)	516938	54 (1372)
516927	43 (1092)	516939	55 (1397)
516928	44 (1118)	516940	56 (1422)
516929	45 (1143)	516941	57 (1448)
516930	46 (1168)	516943	58 (1473)
516931	47 (1194)	516944	59 (1499)
516931	47 (1194)	516945	60 (1524)

LSA Drive Units

LSA Drive Units Part Number	Drive
516554*	Air Drive Unit
516558	Electric Drive Unit
516562	Hydraulic Drive Unit

*Requires 96A498 Filter Kit (5 micron)
51B373 Filter Element (5 micron)
Note: LSA-300 Agitator shaft diameter is 20 mm.

Impeller Replacement

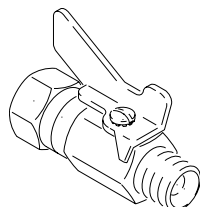
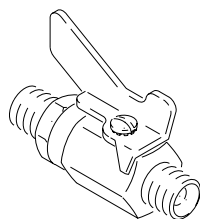
Impeller Part Number.	Impeller Diameter in. (mm)	Impeller gpm (lpm)	Shaft Lengths Allowed in. (mm)
51A018	15.1 (384)	1163 (4402)	0-60 (0-1524)
515777	15.6 (396)	1268 (4799)	0-59 (0-1499)
515778	17 (432)	1652 (6253)	0-57 (0-1448)
515779	18 (457)	1960 (7419)	0-55 (0-1397)
515780	19 (483)	2310 (8743)	0-54 (0-1372)

In-Line Fluid Valves and Swivels

Ball Valves

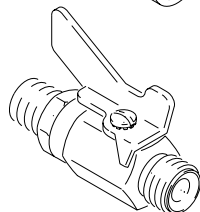
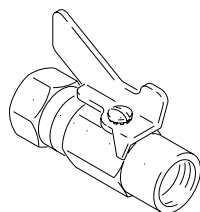
Use for on/off fluid control. Allows safer system operation by permitting relief of fluid pressure or isolation of components from pressure during maintenance. Be sure to use Ball Valves in the fully open or closed position. Do not throttle the valve; it could cause premature seal failure.

Low Pressure Ball Valves



Part No.	Inlet/Outlet npt	Maximum WPR			Packings	Wetted Parts	Inst. Manual
		psi	bar	MPa			
208390	1/4 x 1/4 (mbe)	500	35	3.5	PTFE	Steel*	307068
208391	3/8 x 3/8 (mxf)	500	35	3.5	PTFE	Steel*	307068

208393	3/8 x 3/8 (mbe)	500	35	3.5	PTFE	Steel*	307068
218109	3/8 (m) x 3/8 npsm(m)	500	35	3.5	PTFE	Steel*	307068
208392	3/8 x 1/4 (fxm)	500	35	3.5	PTFE	Steel*	307068
208475	3/8 (f) x 1/4 npsm(m)	500	35	3.5	PTFE	Steel*	307068
208476	3/8 (f) x 3/8 npsm(m)	500	35	3.5	PTFE	Steel*	307068
208630	3/8 (f) x 1/2 npt(m)	500	35	3.5	PTFE	Steel*	307068
• 237528	1/4 npt(m) x 1/4 npt(m)	500	35	3.5	PTFE	316 SST	307628
• 237529	1/4 npt(m) x 3/8 npsm(m)	500	35	3.5	PTFE	316 SST	307628
• 237530	3/8 npt(m) x 1/4 npt(m)	500	35	3.5	PTFE	316 SST	307628
• 237531	3/8 npt(m) x 3/8 npt(m)	500	35	3.5	PTFE	316 SST	307628



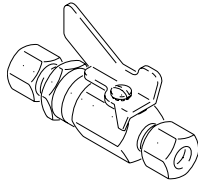
• 237532	3/8 npt(f) x 3/8 npt(f)	500	35	3.5	PTFE	316 SST	307628
• 237533	3/8 npsm(m) x 3/8 npt(m)	500	35	3.5	PTFE	316 SST	307628

• 237534	3/8 npt(f) x 3/8 npt(m)	500	35	3.5	PTFE	316 SST	307628
• 237535	3/8 npt(f) x 3/8 npsm(m)	500	35	3.5	PTFE	316 SST	307628
• 237536	3/8 OD tube stub x 3/8 npsm(m)	500	35	3.5	PTFE	316 SST	307628

- * Nickel-plated steel
- Waterborne compatible

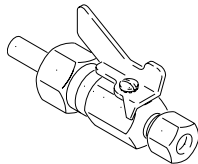
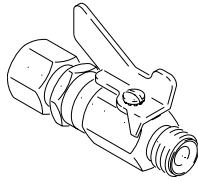
In-Line Fluid Valves and Swivels

Ball Valves



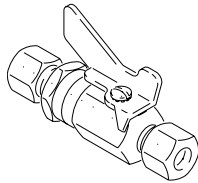
Low Pressure Ball Valves (continued)

Part No.	Inlet/Outlet npt	Maximum WPR			Packings	Wetted Parts	Inst. Manual
		psi	bar	MPa			
• 237537	3/8 OD tube x 3/8 OD tube	500	35	3.5	PTFE	316 SST	307628
• 237538	3/8 OD tube x 3/8 npt(m)	500	35	3.5	PTFE	316 SST	307628
• 237539	3/8 OD tube x 3/8 npsm(m)	500	35	3.5	PTFE	316 SST	307628
• 237540	1/2 OD tube x 3/8 npsm(m)	500	35	3.5	PTFE	316 SST	307628
• 237541	1/2 OD tube x 3/8 npsm(m) Bulkhead style	500	35	3.5	PTFE	316 SST	307628
• 237542	3/8 OD tube stub x 3/8 OD tube	500	35	3.5	PTFE	316 SST	307628

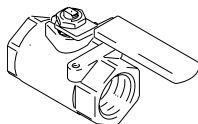
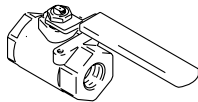


- Waterborne compatible

Medium Pressure Ball Valves



Part No.	Inlet/Outlet (fbs)	Maximum WPR			Packings	Wetted Parts	Inst. Manual
		psi	bar	MPa			
512148	1/4	2000	138	13.8	PTFE	CS	
512149	3/8	2000	138	13.8	PTFE	CS	
512150	1/2	2000	138	13.8	PTFE	CS	
512151	3/4	2000	138	13.8	PTFE	CS	
512152	1	2000	138	13.8	PTFE	CS	
512212	1-1/2	1500	104	10.4	PTFE	CS	
512213	2	1500	104	10.4	PTFE	CS	
• 512482	1/4	2000	138	13.8	PTFE	SST	
• 512483	3/8	2000	138	13.8	PTFE	SST	307628
• 512484	1/2	2000	138	13.8	PTFE	SST	307628
• 512485	3/4	2000	138	13.8	PTFE	SST	
• 512486	1	2000	138	13.8	PTFE	SST	307628



- Waterborne compatible

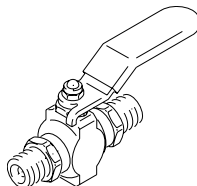
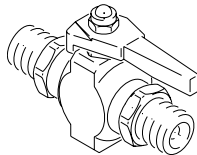
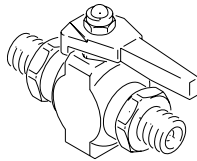
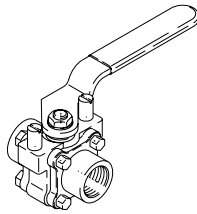
In-Line Fluid Valves and Swivels

Ball Valves

High Pressure Ball Valves

Part No.	Inlet/Outlet npt	Maximum WPR			Packings	Wetted Parts	Inst. Manual
		psi	bar	MPa			
102644	3/4 (f) 3/4 (f)	3000	207	20.7	Nylon	CS	—
102646	1/2 (f) 1/2 (f)	3000	207	20.7	Nylon	CS	—
210657	1/4 (m) 1/4 (m)	5000	345	34.5	Viton	CS	306861
214037	1/4 (m) 1/4 (m)	5000	345	34.5	PTFE	CS	306861
210659	3/8 (m) 1/4 (m)	5000	345	34.5	Viton	CS	306861
• 235992	3/8 (m) 1/4 (m)	5000	345	34.5	PTFE	SST, Passivated	306861
• 240410	3/8 (m) 3/8 (m)	5000	345	34.5	PTFE	SST, Carbide, PEEK	306861
210658	3/8 (m) 3/8 (m)	5000	345	34.5	Viton®	CS	306861
218901	1/4 18 npsm(m)	5000	345	34.5	PTFE	CS	306861
223522	1/4 (m) 1/4 (m)	5000	345	34.5	Viton	CS, Carbide seat	—
223960	3/8 (m) 3/8 (m)	5000	345	34.5	PTFE	CS	306861
223959	3/8 (m) 1/4 (m)	5000	345	34.5	PTFE	CS	306861
237303	1/4 (m) 1/4 (m)	7400	510	51.0	PTFE	CS, PEEK seat	306861
237304	3/8 (m) 3/8 (m)	7400	510	51.0	PTFE	CS, PEEK seat	306861
239018	1/4(m) 1/4(m)	5000	345	34.5	PTFE	SST	306861

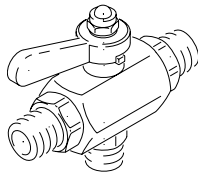
• Waterborne compatible



In-Line Fluid Valves and Swivels

Two-Way Director Valve

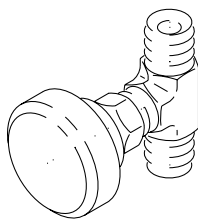
Used to direct fluid flow from inlet to either of two outlets.



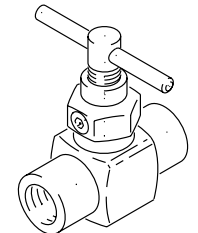
Part No.	Inlet/Outlet npt	Maximum WPR			Packings	Wetted Parts	Inst. Manual
		psi	bar	MPa			
214711	1/4 1/4	5000	345	34.5	Viton	CS	306861

Needle Valves

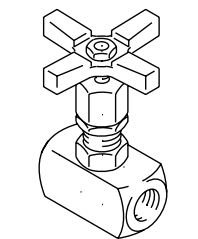
Used to restrict fluid flow. Adjusts fluid delivery, establishes back pressure, and relieves fluid pressure.



Part No.	Inlet/Outlet npt	Maximum WPR			Packings	Wetted Parts	Inst. Manual
		psi	bar	MPa			
108233	1/4 x 1/4 (mbe)	5000	345	34.5	PTFE	Steel-plated	306861



114451	1/4 x 1/4 (fxm)	5000	345	34.5	Buna-N	Steel-plated	
202869	1/2 x 1/2 (fbe)	5000	345	34.5	Leather	Steel-plated	



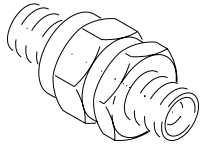
• 102926	3/8 x 3/8 (fbe)	5000	345	34.5	PTFE	SST	
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• *Waterborne compatible*

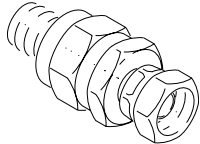
In-Line Fluid Valves and Swivels

Check Valves

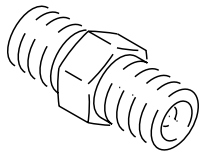
Used to prevent fluid back flow when fluid supply pressure is discontinued. Improves pump performance while reducing pulsation.



Part No.	Inlet/Outlet npt	Maximum WPR			Packings	Wetted Parts
		psi	bar	MPa		
206962	3/8 x 3/8 npt(m)	3000	207	20.7	Buna-N	Zinc-plated steel, SST



206831	3/8 x 3/8 npsm(f)	3000	207	20.7	Buna-N	Zinc-plated steel, SST
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• 501867*	1/4 x 1/4 npt(mbe)	3000	207	20.7	PTFE	303 SST
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• 501684*	3/8 x 3/8 npt(mbe)	3000	207	20.7	PTFE	303 SST
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• 501603*	1/2 x 1/2 npt(fbe)	3000	207	20.7	PTFE	303 SST
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220179	3/4 x 3/4 npt(fbe)	4000	276	27.6	Thiokol	CS
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217286	1 x 1 npt(fbe)	5000	345	34.5	Buna-N	CS
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*501867, 501684 and 501603 are poppet style

• Waterborne compatible

Pressure Relief Valves

Relieves residual fluid pressure when fluid supply pump is shut off or pressure maximum is exceeded.

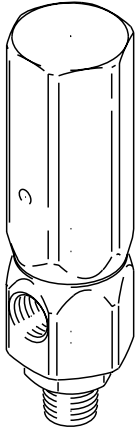
Relax-A-Valve

Part No.	Inlet/Outlet npt	Maximum WPR			Packings	Wetted Parts	Inst. Manual
		psi	bar	MPa			
202844	1/2 npt	175	12	1.2	Buna-N	Aluminum cast	306479
EvenFlo	3/8 nps (m)						

In-Line Fluid Valves and Swivels

Pressure Relief Valves

Automatic Pressure Relief Valve



Part No.	Inlet/ Outlet npt	Relief Port	Maximum WPR			Relief "Cracking" Pressure			Wetted Packings	Instruction Parts	Inst. Manual
			psi	bar	MPa	psi	bar	MPa			
• 237060	1/2 (f)	1/2 npt(m)	475-	33-	3.3-	750	52	5.2	PTFE	304 SST, tungsten carbide	308547
	1/2 (m)		575	40	4.0						
• 237061	1/2 (f)	1/2 npt(m)	950-	66-	6.6-	1500	103	10.3	PTFE	304 SST, tungsten carbide	308547
	1/2 (m)		1150	79	7.9						
• 237112	1/2 (f)	1/2 npt(m)	1400-	97-	9.7-	2250	155	15.5	PTFE	304 SST, tungsten carbide	308547
	1/2 (m)		1800	124	12.4						
• 237062	1/2 (f)	1/2 npt(m)	1800-	124-	12.4-	3000	207	20.7	PTFE	304 SST, tungsten carbide	308547
	1/2 (m)		2300	159	15.9						
• 237073	1/2 (f)	1/2 npt(m)	2300-	159-	15.9-	3750	259	25.9	PTFE	304 SST, tungsten carbide	308547
	1/2 (m)		2900	200	20.0						
• 237063	1/2 (f)	1/2 npt(m)	2900-	200-	20.0-	4500	310	31.0	PTFE	304 SST, tungsten carbide	308547
	1/2 (m)		3600	248	24.8						
• 237074	1/2 (f)	1/2 npt(m)	3600-	248-	24.8-	6000	414	41.4	PTFE	304 SST, tungsten carbide	308547
	1/2 (m)		5000	345	34.5						

• Waterborne compatible

Manual Pressure Relief Valve

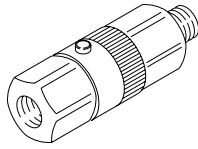


Part No.	Description	Inlet/Outlet npt	Maximum WPR			Packings	Wetted Parts
			psi	bar	MPa		
224775	Bare Drain Valve	1/4 (m) 7/32 (f)	5000	345	34.5	Viton	CS, tungsten carbide
221077	Relief Valve	1/4 (m) 3/8 (f)	7400	510	51.0	Viton	CS, tungsten carbide

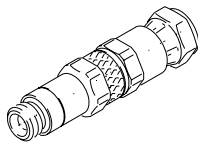
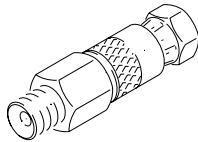
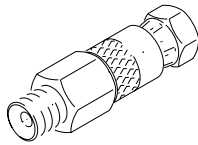
In-Line Fluid Valves and Swivels

High Pressure Swivels

Used to provide free movement of hose sections without kinking or pressure bleeding from valves or spray guns.



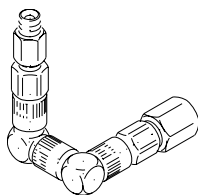
Part No.	Inlet/Outlet npt	Maximum WPR			Packings	Wetted Parts	Inst. Manual	Service Kit
		psi	bar	MPa				
204083	1/4 npt(m) 1/8 npt(f)	8000	551	55.1	Leather	Steel-plated	306708	—
204084	1/4 npt(m) 1/4 npt(f)	8000	551	55.1	Leather	Steel-plated	306708	—
214925	1/4 npsm(f) 3/8 npt(f)	5000	345	34.5	Leather	Steel-plated	306861	—
207946	1/2 npsm(f) 3/8 npt(f)	6000	413	41.3	Polyurethane	Steel-plated	307005	—
207947	1/2 npt(f) 1/2 npt(m)	6000	413	41.3	Polyurethane	Steel-plated	307005	—
239663	1/4 npt(m) 1/4 npsm(f)	3600	248	24.8	Leather	Steel-plated	306861	207839
223341	1/4 npt(m) 1/4 npsm(f) Same as 239663 except PTFE packed.	3600	248	24.8	PTFE	Steel-plated	306861	223342
214926	1/2 npsm(f) 3/8 npt(f)	5000	345	34.5	Leather	Steel-plated	306861	—
• 236987	1/4 npsm(f) 1/4 npt(f)	7400	510	51.0	Filled	SST	306861	—
224457	1/4 npt(m) 1/4 npsm(f) Same as 239663 except card mounted.	3000	207	20.7	—	—	—	—
• 239394	1/4 npsm(m) 1/4 npsm(f) Includes: filter chamber and 100 mesh tip filter (205264).	5800	400	40.0	PTFE	SST	—	—
• 189018	Same as 239394 except without filter chamber and tip filter.							
115898	1/4 npsm 1/4 npsm	5800	400	40.0	PTFE	SST	—	—



• Waterborne compatible

High Pressure, 3-Way, Z-Type Swivels

Used to allow free movement of dispense valves and prevent hose tangles.



Part No.	Inlet/Outlet npt	Maximum WPR			Packings	Wetted Parts	Inst. Manual	Service Kit
		psi	bar	MPa				
202579	1/8 (m) 1/4 (f)	6500	448	44.8	Leather	Steel-plated	306708	
202577	1/4 (m) 1/4 (f)	6500	448	44.8	Leather	Steel-plated	306708	
223340	1/4 (m) 1/4 (f)	6500	448	44.8	PTFE	Steel-plated	—	
207948	1/2 (m) 1/2 (f)	6000	413	41.3	Polyurethane	Steel-plated	307005	

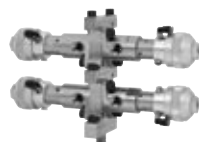
Caution: Z-swivels to be used with non-abrasive fluids only.

Color Change Valves

Technical Specifications

	Maximum Fluid WPR			Max Air Operating PR			Air Inlet	Fluid Inlet	Fluid Outlet (circulation port)	Wetted Parts	Inst. Manual
	psi	bar	MPa	psi	bar	MPa					
Low Pressure	300	20.7	2.0	125	8.6	0.86	5/32 in (4 mm)	1/4 npt (f)	1/4 npt (f)	303 SST, 17-4 SST, UHMWPE	312783
High Pressure	3000	207	20.7	125	8.6	0.86	5/32 in (4 mm)	1/4 npt (f)	1/4 npt (f)	303 SST, tungsten carbide w/nickel binder	312783

Ordering Information



Color Valve and Manifold Assemblies



Number of Valves	Low Pressure Part Number	High Pressure Part Number
2	256994	256995
3	15V812	15V816
4	256290	256339
5	15V813	15V817
6	256292	256341
7	256293	256342
8	15V814	256343
9	256295	256344
10	256296	256345
11	256297	256346
12	256298	256347
13	15V815	256348
14	256300	256349
15	256301	256350
16	256302	256351
17	256303	256352
18	256304	256353
19	256305	256354
20	256306	256355
21	256307	256356
22	256308	256357
23	256309	256358
24	256310	256359
25	256311	256360
26	256312	256361
27	256313	256362
28	256314	256363
29	256315	256364
30	256316	256365
31	256372	256371

Accessories

- 15V077 Stainless Steel Needle, High Pressure Valve
- 15U932 Carbide Seat, High Pressure Valve
- 15V737 Lubrication Cup, Low and High Pressure Valve
- 262028 Seal Insertion Tool

Fluid Filters, Assemblies and Screens

Filter Selection Guide

When choosing a fluid filter:

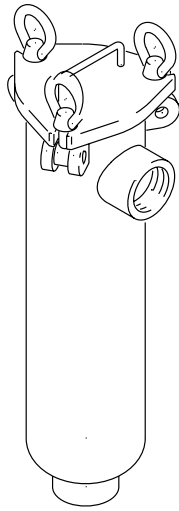
1. Determine maximum fluid pressure requirements.
2. Select aluminum, carbon steel or stainless steel (SST).
3. Choose the micron or screen mesh size.

	Typical Application	Max. Flow gpm (lpm)	1. Max. Pressure psi (bar, MPa)	2. Material of Construction	3. Filter Screen Mesh	Page
Bag Filter	Automotive	15 and 30 (57 and 114)	300 (21, 2.1)	SST	5-300 micron	67
Red Alert Low Pressure System Filter	Industrial	6 and 20 (23 and 76)	300 (21, 2.1)	Aluminum	30-200 mesh	68
Drop-line Filter	Filter for each gun drop	per gun	500 (35, 3.5)	SST	25-150 micron	69
Circulation Module Filter	Mid-range High Flow Pumps	10 (38)	300 (21, 2.1)	SST	30-200 mesh	70
Gun Inlet Filter	Fine Finish	per gun demand	500 (35, 3.5)	SST	60, 100 mesh	71
Siphon Tube/Pump Inlet Filter	Universal	per gun demand	–	Steel	60 mesh	71
Y-Strainer	Industrial	–	400 and 1480 (28, 2.8) and (102, 10.2)	Steel	20 mesh	72
Red Alert High Pressure System Filter	Industrial	6 and 20 (23 and 76)	3000 (210, 21)	Steel	30-200 mesh and stab-point	73
Pump Outlet High Pressure Filters	Protective Coatings	0.6-3.0 (2.3-11.4)	3000-7000 (207-510, 20.7-51)	Steel, Aluminum	30-200 mesh	74
Corrosion Resistant Pump Outlet High Pressure Filters	Protective Coatings	1.0 (3.8)	5000 (345, 34.5)	SST	30-200 mesh	75
Whiphose Filter	Protective Coatings	per gun demand	3000 (210, 21)	SST	60, 100, 200 mesh	75
Gun Inlet Filters	Protective Coatings	per gun demand	3600 and 5000 (249, 24.9) and (345, 34.5)	SST	50, 60, 100 mesh	76
Swivel/Filter	Protective Coatings	per gun demand	5800 (401, 40.1)	SST	60, 100 mesh	76
Spray Tip Filters	Protective Coatings	per gun demand	5000 (345, 34.5)	SST	60, 100 mesh	76

Fluid Filters, Assemblies and Screens

Low Pressure Fluid Filters

Supply Line or Return Line Bag Filters



The Graco Model 6 and Model 12 bag filters process large volumes of industrial paints and other industrial fluids. Model 6 up to 15 gpm (57 lpm) and Model 12 up to 30 gpm (114 lpm). Maximum flow depends on bag micron size. The standard filter assembly includes housing, cover, cover O-ring and unlined stainless steel basket. Order filter bags separately.

Part No.	Description	Inlet/ Outlet npt(f)	Maximum WPR			Max Delivery		Material	Inst. Manual
			psi	bar	MPa	gpm	lpm		
915515	Model 6 (0.5 sq ft filter area)	1-1/4	300	21	2.1	15	57	CS	311775
• 915516	Model 6 (0.5 sq ft filter area)	1-1/4	300	21	2.1	15	57	SST	311775
915517	Model 12 (1.0 sq ft filter area)	1-1/2	300	21	2.1	30	114	CS	311775
• 915518	Model 12 (1.0 sq ft filter area)	1-1/2	300	21	2.1	30	114	SST	311775
916367	Model 12 (sanitary with Poly Lok)	1-1/2	500	35	3.5	30	114	SST	311775

Note: 521691 Replacement O-ring, 916100 Filter Vibrate Kit
• Waterborne compatible

Replacement Filter Bags

15 gpm Model 6 Part No.	30 gpm Model 12 Part No.	Material	Micron Size
521311	–	Glazed polyester felt without cover	5
521177	521183	Glazed polyester felt encased in spun bonded nylon cover	5
521180	521184		10
	521189		25
	521342	Glazed polyester felt encased in nylon mono-filament mesh cover.	10
521335	521344		25
521336			50
521337	521347		75
			100
521226	521254	Nylon mono-filament mesh.	5
521227	521255		10
521228	521256		25
521229	521257		50
521230	521258		75
521231	521259		100
521232	521260		125
521233	521261		150
521234	521262		200
521235	521263		250
521236	521264	300	

Strainer Baskets (perforated SST)

Model 6 Part No.	Model 12 Part No.	Material
521268	521276	Perforated only
521273	521280	Perforated with 100 mesh liner

Replacement Parts

Model 6 Part No.	Model 12 Part No.	Material
521306	521306	Eye-bolt and nut
521691	521691	Extra O-ring

Accessories

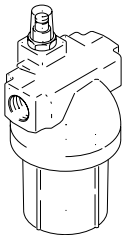
(same part numbers apply to Model 6 and Model 12)

Pressure gauge package				
2 1/2 in dial bourdon tube pressure gauge (range: 0-200 psi, 0-14 bar, 0-1.4 MPa), pulsation dampener and diaphragm seal. Includes:				
CS		206171	1/4 npt(f)	bottom inlet
SST		208855	1/4 npt(m)	bottom inlet
Ball valve for drain or air blowdown		316 SST	PSI	
CS	1/4 x 1/4 npt(m)	208390	m x m	500
CS	3/8 x 3/8 npt(m)	208393	m x m	500
SST	3/8 x 3/8 npt(m)	237534	m x f	500

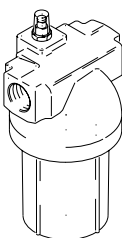
Fluid Filters, Assemblies and Screens

Red Alert Low Pressure Supply Line Filters

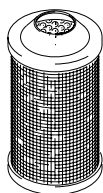
Unique red pop-up indicator reveals when fluid filter element requires replacement. Visible 360°. Built-in bypass valving directs continuous flow through separate passage when filter clogs, preventing downtime. Red Alert filter assembly material of construction: aluminum, glass sight, Viton O-ring.



Part No.	Assembly	Area/sq.			Inlet/Outlet npt	Maximum WPR			Max Delivery		Material	Inst. Manual
		in	cm	Mesh		psi	bar	MPa	gpm	lpm		
213057	Complete	36	232	30	3/4	300	21	2.1	6	22	Alum.	307282
213058	Complete	36	232	60	3/4	300	21	2.1	6	22	Alum.	307282
213059	Complete	36	232	100	3/4	300	21	2.1	6	22	Alum.	307282
213060	Complete	36	232	150	3/4	300	21	2.1	6	22	Alum.	307282
213061	Complete	36	232	200	3/4	300	21	2.1	6	22	Alum.	307282



213062	Complete	225	1451	30	1-1/4	300	21	2.1	20	76	Alum.	307283
213063	Complete	225	1451	60	1-1/4	300	21	2.1	20	76	Alum.	307283
213064	Complete	225	1451	100	1-1/4	300	21	2.1	20	76	Alum.	307283
213065	Complete	225	1451	150	1-1/4	300	21	2.1	20	76	Alum.	307283
213066	Complete	225	1451	200	1-1/4	300	21	2.1	20	76	Alum.	307283

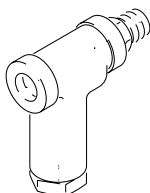


Replacement Screen Elements for Red Alert Filter Assemblies

Part No.	Area/sq.			Mesh	Material
	in	cm			
• 108106	36	232	30	SST	
• 108107	36	232	60	SST	
• 108108	36	232	100	SST	
• 108109	36	232	150	SST	
108110	36	232	200	SST	
• 108111	225	1451	30	SST	
• 108112	225	1451	60	SST	
• 108113	225	1451	100	SST	
• 108114	225	1451	200	SST	
• 108115	225	1451	150	SST	

In-Line Strainer

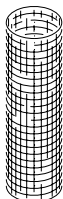
Low volume in-line strainer.



Part No.	Description	Mesh	Inlet/Outlet npt	Maximum WPR			Max Delivery		Material
				psi	bar	MPa	gpm	lpm	
240418	Filter assembly	60	3/8 (f) 3/8 (m)	1500	104	10.4	1	3.8	Alum.
240417	Filter assembly	60	1/2 npsm(f) 1/2 (m)	1500	104	10.4	1	3.8	Alum.

Replacement Screen Elements

Each package contains 3 screens.

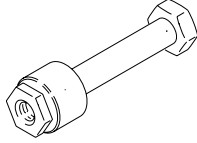


Part No.	Mesh	Material	Screen
• 238433	40	SST	157332
• 238431	60	SST	156967
• 238429	100	SST	156939
• 915921	Air spray gun inlet filter assembly		

Fluid Filters, Assemblies and Screens

Gun Station Drop-Line Filter

Point-of-use filter that installs at individual paint drop lines. Easy to service. No tools required to replace dirty filter element. No elbows or internal turns to reduce pressure of flow. Housing assembly includes filter body, hex cap and PTFE encapsulated Viton O-ring. Order filter elements separately.



Part No.	Description	Inlet/Outlet npt	Maximum WPR			Max Delivery		Material
			psi	bar	MPa	gpm	lpm	
• 915700	Drop-Line Filter assembly	3/8	500	35	3.5	3	11.4	SST (304)

Replacement Screen Elements

Part No.	Mesh	Material	Mesh	Thousands
• 521898	25 micron	SST	600	.001
• 521899	50 micron	SST	300	.002
• 521900	75 micron	SST	200	.003
• 521901	100 micron	SST	140	.004
• 521902	125 micron	SST	120	.005
• 521903	150 micron	SST	100	.006

Optional Drop-Line Filter Fittings

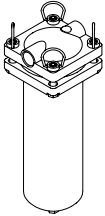
Part No.	Drop-Line Filter Elements	Inlet/Outlet npt	Material
• 235207	Swivel fitting inlet	3/8 npsm(f) 3/8 npt(m)	SST (316)
155665	Swivel fitting inlet	3/8 npsm(f) 3/8 npt(m)	CS
• 168686	Rigid fitting outlet	1/2-27 uns (mxm)	CS
521897	O-ring	—	PTFE, Encapsulated Viton (for 915700 Filter)

• *Waterborne compatible*

Fluid Filters, Assemblies and Screens

Circulation Module Low Pressure SST Fluid Filter

Meets a variety of pumping station applications up to 10 gpm (38 lpm). New low pressure SST fluid filter. Large, 26 sq in (167 cm) SST surface area provides extended service intervals and excellent corrosion resistance.



Part No.	Assembly	Seals	Mesh	Inlet/ Outlet npt	Maximum WPR			Material	Inst. Manual
					psi	bar	MPa		
244053	Complete	PTFE Encapsulated Viton®	60	3/4	300	21	2.1	SST	308918

SST Fluid Filter Elements

Part No.	Area/sq.		Mesh	Micron	Material
	in	cm			
• 116178	26	167	30	540	SST
• 116179*	26	167	60	230	SST
• 116180	26	167	100	140	SST
• 116181	26	167	200	74	SST

*Standard with SST President 3:1 circulation modules 232089, 232081, 232090 and Husky 1040 circulation modules 232092 and 232082.

Note: When ordering replacement filter elements, it is recommended to order two PTFE Gaskets (part #116188).

- Waterborne compatible

Accessories

116188 PTFE Filter Element Gasket

Used to seal filter element and filter bowl.

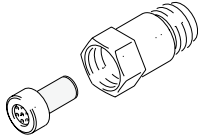
116183 PTFE Encapsulated Viton® O-Ring

Used to seal filter housing cover and filter bowl.

Fluid Filters, Assemblies and Screens

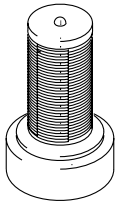
Air Spray Gun Inlet Filter

For use with all air spray guns. Straight fitting with disposable 100 mesh filter element. Attaches between hose and gun inlet to prevent particles from damaging gun mechanism or contaminating sprayed surface.

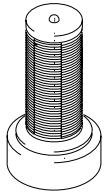


Part No.	Description	Mesh	Inlet/ Outlet npsm(mxf)	Maximum WPR			Material
				psi	bar	MPa	
915921	Air Spray Gun Inlet Filter Assembly	100	3/8	500	35	3.5	SST
191386	Housing only	—	3/8	500	35	3.5	SST

Replacement Screen Elements



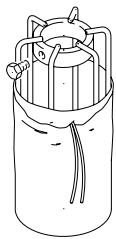
25-Count Carton Part No.	3-Pack Part No.	3-Pack Part No.	Mesh	Material
238564	238563	224454	60	SST



238562	238561	224453	100	SST
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Siphon Tube Inlet Filter

Attaches to siphon tube. Coarse screen filter prevents larger foreign objects from entering and possibly damaging pump. Rags, sweeping debris, metal fillings, etc., can cause serious pump wear and downtime if not filtered at the pump or siphon tube inlet.



Part No.	Description	Mesh	Material
210726	Assembly Cage and nylon bag; fits 3/4 in siphon tube	60	Plated steel

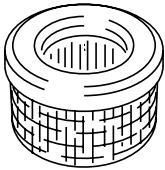
Replacement Screen Elements

Part No.	Mesh	QTY	Material
238769	60	25 count	Nylon

Fluid Filters, Assemblies and Screens

Pump/Suction Inlet Paint Strainers

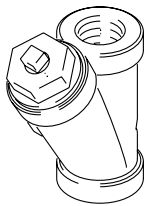
Attaches to inlet of pumps.



Strainer in Packaging	Thread Size	Wetted Parts	Mesh Inner/Outer	O.D
218798	1/2 npt(f)	304 SST	16	1.73 in (44 mm)
189920	1 npsm-f	304 SST	8	2.22 in (56 mm)
237840	1-1/4 npt(f)	304 SST	8	2.68 in (68 mm)
115965	3/8 npt(f)	304 SST, Nylon	12	1.63 in (41 mm)
181073	1/2 npsm(f)	304 SST	8/16	2.22 in (56 mm)
181072	1 npsm(f)	304 SST	8/16	2.22 in (56 mm)
183770	3/4 npsm(f)	304 SST	8/16	2.22 in (56 mm)
235004	3/4 unf(f)	304 SST, Nylon	12	1.65 in (42 mm)
237675	1/2 npsm(f)	304 SST, Nylon	12	1.6 in (41 mm)
187119	1-1/2 npsm(f)	CS	NA	5.0 in (127 mm)
237820	no threads	304 SST, Nylon	12	1.6 in (41 mm)
191635	1 npt(f)	304 SST	10	1.75 in (44 mm)

Strainer Y-Types

Strainer Y-types are used to filter material before entering proportioning pumps.



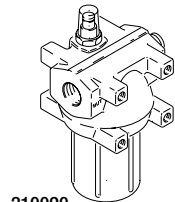
Part No.	Description	Inlet/Outlet npt	Maximum WPR			Material	Replacement Screen
			psi	bar	MPa		
110877	20 mesh screen	1/2	400	28	2.8	Steel	110906
101078	20 mesh screen	3/4	400	28	2.8	Steel	180199
110878	20 mesh screen	1	400	28	2.8	Steel	110907

Fluid Filters, Assemblies and Screens

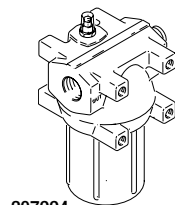
High Pressure Fluid Filters

Red Alert High Pressure Supply Line Filters

Unique red pop-up indicator reveals when fluid filter element requires replacement. Visible from 360° built-in by-pass valving directs continuous flow through separate passage when filter clogs preventing downtime. Materials of construction: carbon steel, glass sight and Viton O-rings. Use stab point style replacement element for high viscosity adhesive, sealants and mastics.



210090



207994

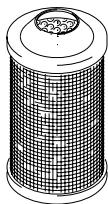
Part No.	Area/sq.		Mesh	Inlet/Outlet npt	Maximum WPR			Max Delivery		Material	Inst. Manual
	in	cm			psi	bar	MPa	gpm	lpm		
210090	36	232	60	3/4	3000	207	20.7	10	38	CS	307252
210091	36	232	100	3/4	3000	207	20.7	10	38	CS	307252
210092	36	232	200	3/4	3000	207	20.7	10	38	CS	307252
207994	225	1451	30	1-1/4	3000	207	20.7	20	75	CS	306987
207995	225	1451	60	1-1/4	3000	207	20.7	20	75	CS	306987
207996	225	1451	100	1-1/4	3000	207	20.7	20	75	CS	306987
207997	225	1451	150	1-1/4	3000	207	20.7	20	75	CS	306987
207998	225	1451	200	1-1/4	3000	207	20.7	20	75	CS	306987
207999	225	1451	.040 stab pt.*	1-1/4	3000	207	20.7	20	75	CS	306987
208000	225	1451	.050 stab pt.*	1-1/4	3000	207	20.7	20	75	CS	306987
Adapter for connection of Drain Valves to Red Alert Bowl:											
105276				3/4 - 16 unf x 1/4 (f)	3000	207	20.7			CS	306987

*Use stab point filter for high viscosity or filled materials.

Drain Valves

Part No.	Inlet/Outlet npt	Maximum WPR			Material	Inst. Manual
		psi	bar	MPa		
210657	1/4 (mbe)	5000	345	34.5	Viton, CS	307252
214037	1/4 (mbe)	5000	345	34.5	PTFE, CS	307252
210658	3/8 (mbe)	5000	345	34.5	PTFE, CS	307252
Adapter for connection of Drain Valves to 3000 psi (207 bar, 20.7 MPa) Red Alert Bowl:						
105276	3/4 - 16 unf x 1/4 (f)	3000	207	20.7	CS	307252

Replacement Screen Elements for Red Alert Filter Assemblies



Part No.	Area/sq.		Mesh	Material
	in	cm		
• 108111	225	1451	30	SST
• 108112	225	1451	60	SST
• 108113	225	1451	100	SST
• 108115	225	1451	150	SST
• 108114	225	1451	200	SST
• 108116	36	232	60	SST
• 108117	36	232	100	SST
• 108118	36	232	200	SST
108119	225	1451	.040 stab pt.*	CS
108120	225	1451	.050 stab pt.*	CS

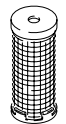
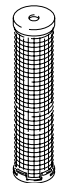
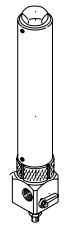
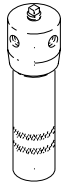
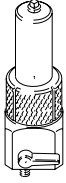
*Use stab point filter for high viscosity or filled materials.

• Waterborne compatible

Fluid Filters, Assemblies and Screens

Pump Outlet Filters

Filter assembly mounts directly on pump at outlet or on nearby wall to capture impurities exiting the pump. Contains 18 in² (4.6 cm²) filter element for long filter life with high volume pumps. Multiple filter outlets provide installation and bypass or pressure relief flexibility.



Part No.	Description	Area/sq in (cm)	Mesh	Inlet/ Outlet npt	Maximum WPR			Max Delivery		Material	Inst. Manual
					psi	bar	MPa	gpm	lpm		
214624	Filter assembly for wall or cart mount pumps with surge tanks	18 (116)	60	3/4 1/2	5000	345	34.5	3	11	Steel	307296
214570	Filter assembly	18 (116)	60	3/8 1/4	3000	207	20.7	1	4	Alum.	307273
218029	Filter assembly	18 (116)	60	3/8 1/4	5000	345	34.5	1	4	Steel	307273
214726	Filter assembly for drum cover mount pumps with surge tank	18 (116)	60	3/4 3/4	5000	345	34.5	3	11	Steel	307296
238620	Filter assembly for wall or cart mount pumps	18 (116)	60	3/4 3/8	5000	345	34.5	3	11	Steel	307296
214724	Filter assembly for drum cover mount pumps	18 (116)	60	3/4 3/4	5000	345	34.5	3	11	Steel	307296
235677	Filter assembly for 495st	7 (45)	60	1/4	3000	207	20.7	0.6	2.3	Alum/ Steel	308249
237069	Filter assembly	18 (116)	60	3/4 1/4	7252	500	50	3	11	Steel	307296

Replacement Screen Elements

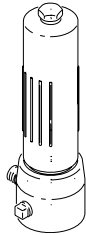
25-Count Carton Part No.	3 Pack Part No.	Area/sq.		Mesh	Material
		in	cm		
• 238436	238435	18	116	30	SST
• 238438	238437	18	116	60	SST
• 238440	238439	18	116	100	SST
• 238442	238441	18	116	200	SST
• 238444	238443	7	45	30	SST
• 238446	238445	7	45	60	SST
• 238448	238447	7	45	100	SST
• 238450	238449	7	45	200	SST

• Waterborne compatible

Fluid Filters, Assemblies and Screens

Corrosion Resistant Fluid Filters

All stainless steel construction (except PTFE O-ring and polyethylene screen support). Resists corrosion from waterborne materials, catalyzed varnishes and other fluids not compatible with carbon steel or aluminum. Polyethylene screen support prevents screen collapse for maximum performance.

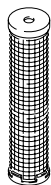


Part No.	Description	Area/sq.		Mesh	Inlet/ Outlet npt	Maximum WPR			Material	Inst. Manual
		in	cm			psi	bar	MPa		
• 223160	Filter assembly	18	116	60	3/8(f) 1/4(m)	5000	345	34.5	304, 316 SST	307273
• 239800	Filter assembly	18	116	100	3/8(f) 1/4(m)	5000	345	34.5	304, 316 SST	307273
• 238782	Filter assembly for high solids material	18	116	30	3/8(f) outlets: 3/8, 1/4, 1/4, bottom: 1/4	5000	345	34.5	340, 316	308611
240183		18	116	60	1/2(f) x 1/2(f)	5000	345	34.5	304 SST	307273

*Use stab point filter for high viscosity or filled materials.

Replacement Screen Elements

238436



25-Count Carton Part No.	3 Pack Part No.	Area/sq.		Mesh	Material
		in	cm		
• 238436	238435	18	116	30	SST
• 238438	238437	18	116	60	SST
• 238440	238439	18	116	100	SST
• 238442	238441	18	116	200	SST
• 238444	238443	7	45	30	SST
• 238446	238445	7	45	60	SST
• 238448	238447	7	45	100	SST
• 238450	238449	7	45	200	SST

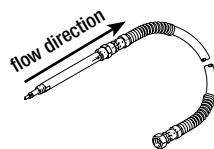
• Waterborne compatible

Optional Filter Support

179801 Zinc-plated steel

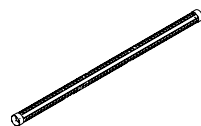
Whiphose Filters (Inline)

Includes 60 mesh filter element, housing and 3 ft (91 cm) x 3/16 in whiphose with spring guard and permanent fittings.



Part No.	Description	Mesh	Inlet/Outlet npt	Maximum WPR			Material	Inst. Manual
				psi	bar	MPa		
210729	Housing with whiphose	60	1/4 1/4	3000	207	20.7	CS	307245
213068	Housing without whiphose	60	1/4 1/4	3000	207	20.7	CS	307245

Replacement Screen Elements



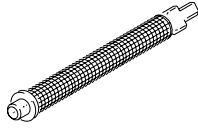
Part No.	Mesh	Qty	Material	Part No.	Mesh	Qty	Material
• 210731	60	3 pack	SST	• 210732	100	3 pack	SST
• 172057	60	single	SST	• 172058	100	single	SST
• 172059	200	3 pack	SST	• 172059	200	single	SST

• Waterborne compatible

Fluid Filters, Assemblies and Screens

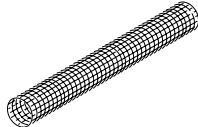
Gun Inlet Filters for Contractor Guns

Filter assembly which fits into Contractor gun handle. Large filter area to last longer between element replacement.



Part No.	Description	Mesh	Maximum WPR			Inst. Manual
			psi	bar	MPa	
218131	Inlet filter	50	3600	249	24.9	307614
218133	Inlet filter	100	3600	249	24.9	307614

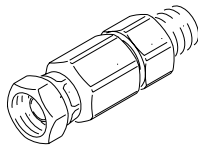
Contractor Gun Replacement Screen Elements



Part No.	Mesh	Material
• 179731	50	304 SST
• 179732	100	304 SST

Gun Inlet Filter Housing

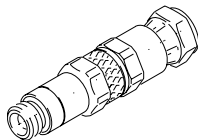
Swivel fitting with disposable 100 mesh filter element attaches between hose and gun inlet to prevent particles from damaging gun mechanism or passing through onto spray surface.



Part No.	Description	Mesh	Inlet/Outlet npt	Maximum WPR		
				psi	bar	MPa
210500	Housing	100	1/4 npsm(f) 1/4 npt(m)	6150	423	42.3

High Pressure Swivel/Filter Assembly

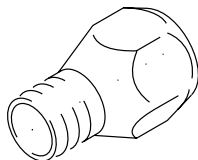
Enhances gun movement and provides integral filter.



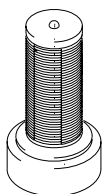
Part No.	Description	Inlet/Outlet npt	Maximum WPR			Material
			psi	bar	MPa	
239394	Swivel-Filter	1/4 npt(m) 1/4 npsm(f)	5800	401	40.1	303,430 SST

Spray Tip Filters

Final filter to prevent foreign particles from ruining sprayed surface smoothness. Reduces refinishing expense.



Part No.	Description	Spacing
164120	Tip filter housing	Tip retainer for manual airless gun



25-Count Carton Part No.	3 Pack Part No.	Description	Spacing
• 238562	238561	Tip filter	0.005 in (equivalent to 100 mesh screen)
• 238564	238563	Tip filter	0.009 in (equivalent to 60 mesh screen)

• Waterborne compatible

Fluid Pressure Regulation

Fluid Pressure Regulator Chart

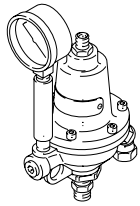
When choosing a fluid regulator:

1. Select model.
2. Pick material of construction.
3. Choose low pressure or high pressure.

2. Material of Construction	3. Pressure	1. Models					
		Air Operated Downstream Fluid Regulator	Spring Operated Downstream Fluid Regulator	Back Pressure Regulators	Gun Mounted Regulators/ Restrictors	Fluid Gauges	Surge Suppressors
Aluminum	Low Pressure	Page 79	Page 80	Page 84			Page 88
Carbon Steel	Low Pressure			Page 84			Page 88
	High Pressure		Page 82	Page 85			
SST	Low Pressure	Page 79	Page 80	Page 84	Page 86	Page 87	Page 88
	High Pressure	Page 82	Page 82	Page 85			
Composite	Low Pressure	Page 79	Page 81				
Brass						Page 87	

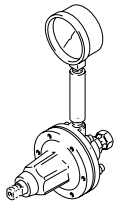
Fluid Regulators

Fluid Regulators for Low Pressure



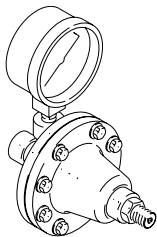
Part No.	Max Pressure psi (bar)	Regulated Pressure psi (bar)	Max Delivery gpm (lpm)	Max Viscosity in CPS	Wetted Parts	Type	Inlet/Outlet	Gauge Port	Gauge Included
204500	250 (17.5)	0-15 (0-1)	0.75 (2.8)	500	Alum	Spring	3/8 F 3/8 M	1/4 F	Yes
206200	250 (17.5)	0-30 (0-2)	0.75 (2.8)	500	Alum	Air	3/8 F 3/8 M	1/4 F	Yes
203831	250 (17.5)	0-60 (0-4)	3.0 (11.3)	1000	Alum	Spring	3/8 F 3/8 M	1/4 F	Yes
205425	250 (17.5)	0-60 (0-4)	3.0 (11.3)	1000	Alum	Spring	3/8 F 3/8 M	1/4 F	Yes
209030	250 (17.5)	5-100 (0-7)	2.0 (7.5)	1000	SST	Spring	3/8 F 3/8 M	1/4 F	Yes
204501	250 (17.5)	20-160 (1-11)	3.0 (11)	1000	Alum	Spring	3/8 F 3/8 M	1/4 F	Yes

Instruction manual 306563.



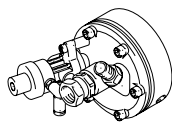
214980	250 (17.5)	0-30 (0-2)	3.0 (11.3)	1000	SST	Air	3/8 F 3/8 F	1/4 F	Yes
222115	250 (17.5)	20-160 (1-11)	3.0 (11.3)	300	SST	Spring	3/8 F 3/8 F	1/4 F	Yes
214895	250 (17.5)	5-100 (0-7)	3.0 (11.3)	1000	SST	Spring	3/8 F 3/8 F	1/4 F	No
214706	250 (17.5)	5-100 (0-7)	3.0 (11.3)	1000	SST	Spring	3/8 F 3/8 F	1/4 F	Yes
217314	250 (17.5)	20-160 (1-11)	3.0 (11.3)	1000	SST	Spring	3/8 F 3/8 F	1/4 F	Yes
221118	250 (17.5)	20-160 (1-11)	3.0 (11.3)	1000	SST	Spring	3/8 F 3/8 F	1/4 F	No

Instruction manual 307212.



236449	100 (7)	3-30 (0.2-2)	0.5 (1.9)	1000	Acetal	Spring	1/4 F 1/4 F	1/4 F	Yes
241976	100 (7)	3-30 (0.2-2)	0.5 (1.9)	1000	Acetal	Air	1/4 F 1/4 F	1/4 F	No
236281	100 (7)	3-100 (0.2-7)	0.5 (1.9)	1000	Acetal	Spring	1/4 F 1/4 M	1/4 F	Yes
236216	100 (7)	20-100 (1-7)	0.5 (1.9)	1000	Acetal	Spring	1/4 F 1/4 F	1/4 F	No
236450	100 (7)	20-100 (1-7)	0.5 (1.9)	1000	Acetal	Spring	1/4 F 1/4 F	1/4 F	Yes

Composite construction. Instruction manual 308325.

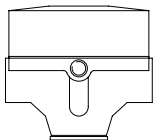


830351	250 (17)	3-100 (0.2-7)	3.0 (11.3)	1000	SST	Air	3/8 F 1/4 F	None	No
830352	250 (17)	3-100 (0.2-7)	3.0 (11.3)	1000	SST	Air	3/8 F 1/4 F	None	No
830353	250 (17)	3-100 (0.2-7)	3.0 (11.3)	1000	SST	Air	3/8 F 1/4 F	None	No

830351 includes integrated dump valve. Quick flush design. Instruction manual 308292.

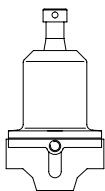
Fluid Regulators

Fluid Regulators for Low Pressure (continued)



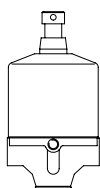
Part No.	Max Pressure psi (bar)	Regulated Pressure psi (bar)	Max Delivery gpm (lpm)	Max Viscosity in CPS	Wetted Parts	Type	Inlet/Outlet	Gauge Port	Gauge Included
234272	580 (40)	6-145 (0-10)	7.0 (26.5)	1000	SST	Air	3/8 F 3/8 F	1/8 bspp	No
234256	580 (40)	6-145 (0-10)	7.0 (26.5)	1000	SST	Air	3/8 F 3/8 F	1/8 bspp	No

Air controlled solvent/water based systems. Instruction manual 309474.



234273	580 (40)	15-145 (1-10)	7.0 (26.5)	1000	SST	Spring	3/8 F 3/8 F	1/8 bspp	No
234263	580 (40)	20-160 (1-11)	7.0 (26.5)	1000	SST	Spring	3/8 F 3/8 F	1/8 bspp	No

Mechanical solvent/water based systems. Instruction manual 309474.



234267	1015 (70)	145-725 (10-50)	9.8 (37)	1000	SST	Spring	3/8 F 3/8 F	1/8 bspp	No
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Mechanical solvent/water based systems. Instruction manual 309474.

Fluid Regulators for High Pressure



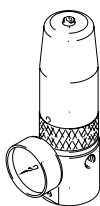
Part No.	Max Pressure psi (bar)	Regulated Pressure psi (bar)	Max Delivery gpm (lpm)	Max Viscosity in CPS	Wetted Parts	Type	Inlet/Outlet	Gauge Port	Gauge Included
217576	3000 (206)	200-1000 (13-69)	3.5 (13.2)	500	CS	Spring	3/8 F 1/4 F	1/4 F	Yes
206661	3000 (206)	1000-3000 (69-206)	3.5 (13.2)	500	CS	Spring	3/8 F 1/4 F	1/4 F	Yes

Airless, solvent based systems. Instruction manual 306878.



222121	1500 (103)	150-1200 (10-83)	1.0 (3.7)	500	SST	Spring	1/4 F 1/4 F	—	No
240197	1500 (103)	150-1200 (10-83)	1.0 (3.7)	500	SST	Spring	1/4 F 1/4 F	1/4 F	Yes
240198	1500 (103)	150-1200 (10-83)	1.0 (3.7)	500	SST	Spring	1/4 F 1/4 F	1/4 F	Yes

Unique bottom replaceable cartridge. Instruction manual 307886.

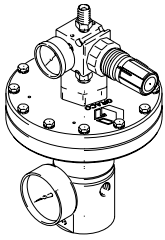


238889	6000 (413)	500-3000 (34-206)	1.0 (3.7)	15000	SST	Spring	3/8 F 3/8 F	1/4 F	No
238890	6000 (413)	500-3000 (34-206)	1.0 (3.7)	15000	SST	Spring	3/8 F 3/8 F	1/4 F	Yes
238891	6000 (413)	3000-5000 (206-344)	1.0 (3.7)	15000	SST	Spring	3/8 F 3/8 F	1/4 F	No
238892	6000 (413)	3000-5000 (206-344)	1.0 (3.7)	15000	SST	Spring	3/8 F 3/8 F	1/4 F	Yes

Easy flush plug available. Instruction manual 308647.

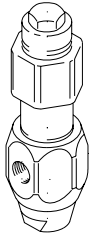
Fluid Regulators

Fluid Regulators for High Pressure (continued)



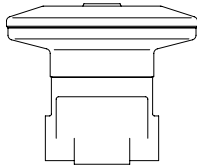
Part No.	Max Pressure psi (bar)	Regulated Pressure psi (bar)	Max Delivery gpm (lpm)	Max Viscosity in CPS	Wetted Parts	Type	Inlet/ Outlet	Gauge Port	Gauge Included
238893	6000 (413)	500-4000 (34-275)	1.0 (3.7)	15,000	SST	Air	3/8 F 3/8 F	1/4 F	No
238894	6000 (413)	500-4000 (34-275)	1.0 (3.7)	15,000	SST	Air	3/8 F 3/8 F	1/4 F	Yes

Easy flush plug available. Instruction manual 308647.



961635	5000 (345)	250-4500 (17-310)	1.5 (5.6)	1,000,000	CS	Air	3/4 F 3/4 F	3/4 F	Yes
903958	5000 (345)	1000-4500 (69-310)	1.5 (5.6)	1,000,000	CS	Spring	3/4 F 3/4 F	3/4 F	Yes

Mastic fluid regulator. Instruction manual 307517.



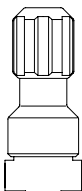
234266	5000 (345)	70-900 (5-62)	11.3 (42.7)	–	SST	Air	3/4 F 3/4 F	1/4 bspp	No
234270	5000 (345)	300-2000 (20-138)	11.7 (44.2)	–	SST	Air	3/4 F 3/4 F	1/4 bspp	No
234271	5000 (345)	600-4600 (41-317)	12.3 (46.5)	–	SST	Air	3/4 F 3/4 F	1/4 bspp	No

Air controlled, high flow system. Instruction manual 309475.



234259	5000 (345)	600-3600 (41-248)	10.6 (40.1)	–	SST	Air	3/8 F 3/8 F	–	No
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Air controlled system. Instruction manual 309475.

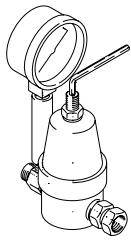


234260	2600 (179)	600-1500 (41-103)	8.1 (30.6)	–	SST	Spring	3/8 F 3/8 F	–	No
234264	5000 (345)	1300-3000 (89-206)	8.2 (31.0)	–	SST	Spring	3/8 F 3/8 F	–	No
234265	5000 (345)	1300-4000 (89-275)	9.2 (34.8)	–	SST	Spring	3/8 F 3/8 F	–	No

Water/solvent based. Instruction manual 309475.

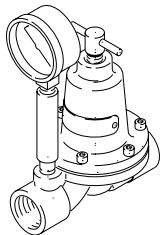
Back Pressure Regulators

Back Pressure Fluid Regulators for Low Pressure



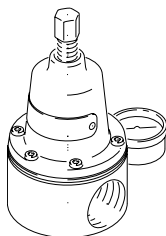
Part No.	Max Pressure psi (bar)	Regulated Pressure psi (bar)	Max Delivery gpm (lpm)	Max Viscosity in CPS	Wetted Parts	Type	Inlet/Outlet	Gauge Port	Gauge Included
205122	180 (12)	0-180 (0-12)	2.0 (7.5)	1000	CS	Spring	3/8 M 3/8 F	1/4 F	Yes
237503	180 (12)	5-180 (0-12)	4.3 (16.2)	1000	SST	Spring	3/8 M 3/8 F	1/4 F	No
236770	180 (12)	5-180 (0-12)	4.3 (16.2)	1000	SST	Spring	3/8 M 3/8 F	1/4 F	Yes

Paint system. Instruction manual 308401.



206019	180 (12)	0-180 (0-12)	15.0 (56.7)	1000	Alum	Spring	1 F 1 F	1/4 F	Yes
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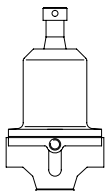
High flow system. Instruction manual 306770.



208997	180 (12)	0-180 (0-12)	15.0 (56.7)	1000	SST	Spring	1-1/4 F 1-1/4 F	1/4 F	Yes
916154	180 (12)	0-180 (0-12)	15.0 (56.7)	1000	SST	Spring	1-1/4 F 1-1/4 F	1/4 F	Yes
903508	180 (12)	0-180 (0-12)	15.0 (56.7)	1000	SST	Spring	1 F 1-1/4 F	1/4 F	Yes

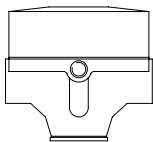
High flow system. Instruction manual 307107.

5



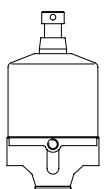
234262	145 (10)	15-145 (1-10)	4.6 (17.34)	1000	SST	Spring	3/8 F 3/8 F	1/8 bspp	No
234261	290 (20)	15-290 (1-20)	5.7 (21.5)	1000	SST	Spring	3/8 F 3/8 F	1/8 bspp	No
234255	290 (20)	29-290 (2-20)	7.8 (29.5)	1000	SST	Spring	3/8 F 3/8 F	1/8 bspp	No

Solvent/water based system. Instruction manual 309474.



234257	145 (10)	15-145 (1-10)	4.6 (17.4)	1000	SST	Air	3/8 F 3/8 F	1/8 bspp	No
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Air controlled, low pressure system. Instruction manual 309474.

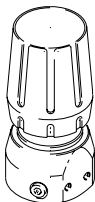


234258	725 (50)	73-725 (5-50)	11.5 (43.5)	1000	SST	Spring	3/8 F 3/8 F	1/8 bspp	No
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Mechanical, mid range system. Instruction manual 309474.

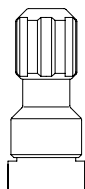
Back Pressure Regulators

Back Pressure Fluid Regulators for High Pressure



Part No.	Max Pressure psi (bar)	Regulated Pressure psi (bar)	Max Delivery gpm (lpm)	Max Viscosity in CPS	Wetted Parts	Type	Inlet/ Outlet	Gauge Port	Gauge Included
222405	3000 (207)	0-1000 (0-69)	3.5 (13.3)	500	CS	Spring	1/4 F 1/4 F	1/4 F	No
206819	3000 (207)	5-180 (0-12)	3.5 (13.3)	500	CS	Spring	1/4 F 1/4 F	1/4 F	No
238926	3000 (207)	5-180 (0-12)	3.5 (13.3)	500	SST	Spring	1/4 F 1/4 F	1/4 F	No

High pressure, solvent coatings. Instruction manual 306860.



234268	2500 (172)	600-1500 (41-103)	10.2 (38.6)	–	SST	Spring	3/8 F 3/8 F	–	No
234269	3400 (234)	1300-3000 (89-207)	13.1 (49.5)	–	SST	Spring	3/8 F 3/8 F	–	No

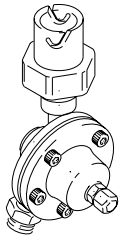
Solvent/water based. Instruction manual 306770.

For information on gun mounted fluid regulators, please reference instruction manual 307016.

Gun Regulators

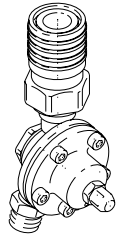
Gun-Mounted Stainless Steel Fluid Regulators

For use with air spray guns at low pressures.



Part No.	Inlet/ Outlet	Max. Inbound Fluid			Regulated Pressure			Wetted Parts	Inst. Manual
		psi	bar	MPa	psi	bar	MPa		
• 223621	3/8 twistlock	200	14	1.4	5-35	0.3-2.4	0.03-0.24	SST	307016

Note: Regulator to gun fitting 223627 twistlock.



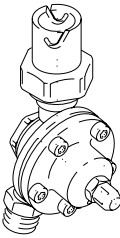
• 208082	1/4 npsm(m)	200	14	1.4	5-35	0.3-2.4	0.03-0.24	SST	307016
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Note: 208085 regulator to gun fitting. Circulating spring-mounted gun mount. Viscosity range up to 500 cps.

Note: To convert from standard Buna-N diaphragm to PTFE, order 185028 PTFE diaphragm and 168880 Mylar backing diaphragm to replace standard Buna-N and nylon diaphragm.

• 223622	3/8 npsm(f)	200	14	1.4	5-35	0.3-2.4	0.03-0.24	SST	307016
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Note: Regulator to gun fitting 223628 twistlock. Direct to gun fitting.

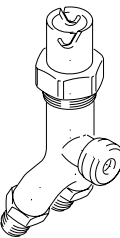


• 223623	3/8 twistlock	200	14	1.4	5-35	0.3-2.4	0.03-0.24	SST	307016
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Note: Regulator to gun fitting 223628 twistlock

Circulating Stainless Steel Y Restrictor Valves

5

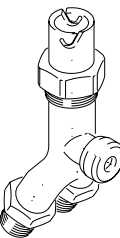


Part No.	Inlet/ Outlet	Max. Inbound Fluid			Regulated Pressure			Max Delivery		Wetted Parts	Inst. Manual
		psi	bar	MPa	psi	bar	MPa	gpm	lpm		
• 223617	1/4 npsm(m)	300	21	2.1	0-300	0-21	0-2.1	1	3.8	SST	307751

Note: 3/8 twistlock outlet to gun. Regulator to gun fitting 223628 twistlock. Regulator type: adjustable restrictor.

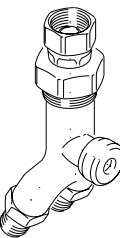
• 223618	3/8 npsm(m)	300	21	2.1	0-300	0-21	0-2.1	1	3.8	SST	307751
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Note: up to 1000 cps viscosity.



• 223619	1/4 npsm(m)	300	21	2.1	0-300	0-21	0-2.1	1	3.8	SST	307751
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Note: 3/8 npsm(f) swivel.



• 223620	3/8 npsm(m)	300	21	2.1	0-300	0-21	0-2.1	1	3.8	SST	307751
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Note: 3/8 npsm(f) coupler.

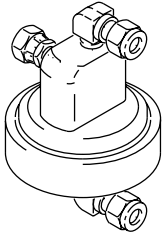
Note: restrictor valves require tool 220102 to adjust.

• Waterborne compatible

Gun Regulators

PRO Auto Xs™ Gun Fluid Regulator

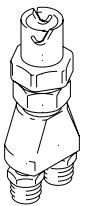
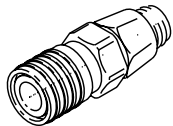
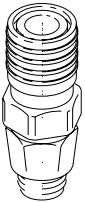
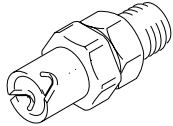
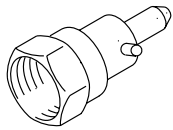
For use with air spray guns at low pressures.



Part No.	Description	Inst. Manual
236854	Air piloted fluid regulator mounts at manifold for precise fluid control.	308098

Stainless Steel Gun Fittings

Spring Operated Stainless Steel Regulators (continued)

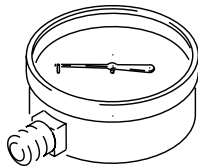


Part No.	Inlet/ Outlet	Max. WPR			Inlet & Return Ports	Outlet	Material	Inst. Manual
		psi	bar	MPa				
• 223627	Coupler Stem	200	14	1.4	Twistlock(m)	3/8 npsm(f)	SST	307016
• 223624	Straight Adapter	200	14	1.4	3/8 npsm(m)	Twistlock(f)	SST	307016
• 208250	Straight Adapter	200	14	1.4	3/8 npsm(m,)	Ring Coupler	SST	307016
• 223625	Straight Adapter	300	20.7	2.07	3/8 npsm(m)	Twistlock(f)	SST	307016
• 223628	Coupler Stem	300	20.7	2.07	Twistlock(m)	3/8 npsm (f)	SST	307016
• 223626	Circulating Adapter	200	14	1.4	1/4 npsm(m)	Twistlock(f)	SST	307016
• 214019	Circulating Adapter	200	14	1.4	1/4 npsm(m)	Twistlock(f)	SST	307016
• 239864	High Pressure Circulating Fitting	5000	340	3.4	1/4 npsm(m)	npt(m)	SST	NA

Fluid Pressure Gauges

Fluid Pressure Gauges

Stainless Steel Gauges

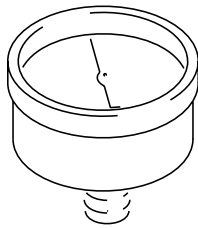


187874
(bottom mount)

Part No.	Inlet	Max.WPR			Wetted Parts	Case Descripton	Case & Dial Diameter in (mm)	Mount Style
		psi	bar	MPa				
• 187875	1/4 npt(m)	30	2.1	0.21	316 SST	SST	2.5 (64)	bottom
• 187874	1/4 npt(m)	100	7	0.7	316 SST	SST	2.5 (64)	bottom
• 187873	1/4 npt(m)	200	14	1.4	316 SST	SST	2.5 (64)	bottom
• 187876	1/4 npt(m)	300	21	2.1	316 SST	black	2.5 (64)	bottom
• 110182	1/4 npt(f)	2000	138	13.8	316 SST, phosphor bronze	SST with damperer	2.5 (64)	bottom
• 113641	1/4 npt(m)	3000	207	20.7	SST	SST liquid filled	2.5 (64)	back
• 113654	1/4 npt(m)	5000	345	34.5	SST	SST liquid filled	2.5 (64)	back
101176	1/4 npt(m)	60	4.1	.41	brass	chrome	2.0 (51)	bottom
105770	1/4 npt(m)	1000	69	6.9	brass	SST liquid filled	2.5 (64)	bottom

Note: Air pressure gauges can be found in Section 1, Air Supply Controls, page 14
• Waterborne compatible

Brass Gauges



102397
(back mount)

Part No.	Inlet	Max.WPR			Wetted Parts	Case Descripton	Case & Dial Diameter in (mm)	Mount Style
		psi	bar	MPa				
101176	1/4 npt(m)	60	4.1	.41	brass	chrome	2.0 (51)	bottom
206171	1/4 npt(f)	200	14	1.4	brass, bronze, chrome	black damperer	2.0 (51)	bottom
208855	1/4 npt(m)	300	21	2.1	brass, copper alloy, chrome	SST liquid filled	2.5 (64)	bottom
101696	1/4 npt(m)	1000	70	7.0	brass, phosphor bronze	black	2.0 (51)	bottom
105770	1/4 npt(m)	1000	69	6.9	brass	SST liquid filled	2.5 (64)	bottom
802072	1/4 npt(m)	1500	104	10.4	brass	black	2.5 (64)	bottom
102397	1/4 npt(m)	3000	207	20.7	brass	black	2.0 (51)	back
102814*	1/4 npt(m)	5000	345	34.5	brass, phosphor bronze	SST liquid filled	2.5 (64)	bottom
118338	1/8 BSPP	300	21	2.1	brass	black	2.0 (51)	back
118339	1/8 BSPP	1000	69	6.9	brass	black	2.0 (51)	back
118340	1/4 BSPP	1000	69	6.9	brass	black	2.0 (51)	back
118341	1/4 BSPP	5000	345	34.5	brass	—	2.0 (51)	back

* Can also be used as an air gauge

Protective Vinyl Lens Cover

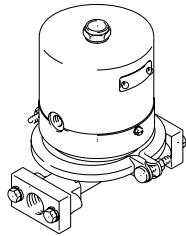
Peel and stick vinyl gauge lens glass covers. Easy to replace to remove dirt and overspray. Sold by sheet with 12 stickers each.

Part No.	Description
193199	For 2 in (51 mm) lens

Note: For material viscosities less than 5 centipoise, regulator should be tested by customer before making multiple regulator installations. Very low viscosities regulation at low pressure may not be possible.

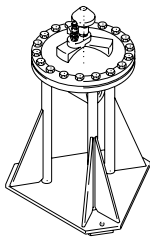
Surge Suppressors

Surge Suppressors for Husky™ Pumps



Part No.	Inlet/Outlet npt (f)	Max. Inbound Fluid			Regulated Pressure			Max Delivery		Wetted Parts	Inst. Manual
		psi	bar	MPa	psi	bar	MPa	gpm	lpm		
224892	3/4	100	7	0.07	0-100	0-7	0-0.07	16	60	Alum./PTFE	308178
224893	3/4	100	7	0.07	0-100	0-7	0-0.07	16	60	Alum./Buna-N	308178
224894	3/4	100	7	0.07	0-100	0-7	0-0.07	16	60	SST/PTFE	308178
224895	3/4	100	7	0.07	0-100	0-7	0-0.07	16	60	SST/Buna-N	308178

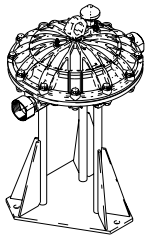
Surge Tank for Medium Volume Hi-Flo Pumps



Part No.	Inlet/Outlet npt (f)	Max. Inbound Fluid			Max Delivery		Wetted Parts	Inst. Manual
		psi	bar	MPa	gpm	lpm		
220157	1 x 1 1/4 npt(f)	600	42	4.2	15	57	Carbine, SST, UHMWPE, Viton, PTFE	307707
• 233736	3/4 BSPP(f)	360	25	2.5	NA	NA	SST, PTFE	307707

• Waterborne compatible

Surge Tank for High Volume Hi-Flo Pumps



Part No.	Description	Inlet/Outlet npt (f)	Max. WBR			Max Delivery		Material	Inst. Manual
			psi	bar	MPa	gpm	lpm		
238986	Surge Tank	2	300	21	2.1	20	76	SST, PTFE	307707
238987	High-Flo Surge Tank	2*	300	21	2.1	20	76	SST, PTFE	307707
238988	High-Flo Surge Tank	1-1/2*	300	21	2.1	20	76	SST, PTFE	307707
218509	High-Flo Surge Tank	2*	600	42	4.2	20	76	Carbide, SST UHMWPE, Viton PTFE	307707

*Sanitary Tri-Clamp compatible

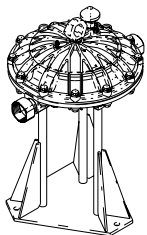
Note: Maximum flow rates are recommended maximums for peak performance. Exceeding these values reduces the surge tanks ability to dampen pulsation.

Floor Stand

Part No.	Description
218742	Floor stand for surge tank 220157, 238983, 238984, 238985

SR200 Fluid Pressure/Surge Regulators, Air-Operated (Viscosity up to 500 cps)

For use with High-Flo pumps. Air-operated/low pressure. Install downstream from system surge tank. Compatible with both waterbase and solvent-based coatings.



Part No.	Inlet/Outlet npt (f)	Max. Inbound Fluid			Regulated Pressure			Max Delivery		Wetted Parts	Inst. Manual
		psi	bar	MPa	psi	bar	MPa	gpm	lpm		
223883	2 in sanitary clamp	300	21	2.1	0-260	0-18	0-1.8	20	76	304, 316, 316L and 17-4 PH SST, carbide, PTFE	308093
Includes air pilot port 1/4 npt(f) max., 100 psi (7 bar) (7 kg/cm2)											
235282	1-1/2 npt(f) sanitary clamp	300	21	2.1	0-260	0-18	0-1.8	20	76	304, 316, 316L and 17-4 PH SST, carbide, PTFE	308093
Includes air pilot port 1/4 npt(f) max., 100 psi (7 bar) (0.7 MPa)											

Note: For material viscosities less than 5 centipoise, regulator should be tested by customer before making multiple regulator installations. Very low viscosities regulation at low pressure may not be possible.

Hoses for Air & Fluid Service

Material Properties and Recommended Use

The reader is cautioned that the “General Properties” described are just that, properties which have been found to be generally applicable in the experience of persons familiar with rubber chemistry. However, the reader should always follow the fluid manufacturer’s recommendation as to the use of any particular composition, especially with respect to the resistance of the composition to the fluid it is intended to carry or protect against. Failure to do so might result in failure of the product to fulfill its intended purpose, and may result in possible damage to property and serious bodily injury.

Core Tube Material	General Properties
Buna-N (NBR)	Highly resistant to petroleum products. Good abrasion resistance. Not for: brake or hydraulic fluids, keytone solvents or concentrated acids.
Buna-S (SBR)	High strength and abrasion-proof ratings. Resists non-petroleum base lubes. Not for: petroleum products, strong chemicals, ozone.
PTFE (Tetrafluoroethylene Resin)	High strength and wear resistance. Best chemical and heat resistance. Totally absorption-proof.
Neoprene (CR)	Highly resistant to weathering. Good strength and resiliency. Good resistance to heat, flame and abrasion. Not for: keytone solvents, phosphate fluids.
Nylon	Extra strong plus high resistance to heat and abrasion. Inert non-reactive to most chemicals, fast solvents or petroleum. Not for: concentrated acids or oxidizing fluids.
Nylon Type II & 6	Some properties as Nylon plus Type II, 6, provide reduced moisture absorption.
Polyethylene	Good long term resistance to UV and weathering. Excellent flame-resistant. Good low temperature impact resistance.
PVC	Good weathering, moisture and flame resistance. General resistance to alkalines and weak acids. Good abrasion resistance.
Modified Polyamide	Good abrasion, chemical and fatigue resistance. Good long term resistance to high temperature. Low gas permeation and low co-efficient of friction.
EPDM	Excellent ozone, chemical and aging characteristics. Not for: petroleum-based fluids.
Nitrile	See Buna-N
Polyester	Good flex fatigue and low temperature properties. High resistance to deformation. Good resistance to abrasion, chemicals, hydraulic fluids and aromatic fuels.
Rubber	Excellent physical properties including abrasion and low temperature resistance. Not for: petroleum-based fluids.

Cautionary Statement

All hose and fitting products sold by Graco Inc., are in the nature of commodities and they are sold by our published specifications and not for particular purposes, uses or applications. The purchasers or users of the merchandise or products shall first determine their suitability for the intended purposes, uses or applications and they shall either conduct their own engineering studies or tests, or retain qualified engineers, consultants or testing laboratories and consult with them before determining the proper use, suitability or propriety of the merchandise or products for the intended purposes, uses or applications. Graco Inc. does not guarantee the merchandise or products for any particular purpose, use or application, and the purchaser or user thereof shall assume full responsibility for the suitability, propriety, use and application of the merchandise or products. The merchandise or products, including but not limited to, hose, tubing or coupling may fail due to the use or conveyance of substances at elevated or lowered temperatures or at excessive pressures, the conveyance of abrasive, injurious, flammable, explosive or damaging substances. Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing, including connections, couplings and clamps, should be inspected frequently, regularly and consistently, and should be replaced, adjusted or retightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Graco Inc. shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any merchandise or products sold or distributed by it. Graco Inc. recommends that the purchasers or users of the merchandise or products frequently and consistently undertake inspections and protective measures with respect to the use and application of the merchandise and products which should include the examination of tube and cover conditions of the hose or tubing and the identification, repair or replacement of sections showing cracking, blistering, separations, internal and external abrasions, leaking or slipped couplings or connections and make proper proof tests.

Hoses

Hose: Low Pressure

Air and Water Bulk Hose Specifications



Bulk Hose Reference No.	Max. WP			ID Size	Tube Material	Braid No. Material	Cover Material	Cover Color	Bend Radius		Max. Temp	
	psi	bar	MPa						in	cm	°F	°C
054138	105	7.2	0.72	1/8 in	Urethane	—	Urethane	Clear	2.0	5.1	200	93

Air Flex Bulk Hose

15E291	300	21	2.1	1/4 in	PVC	2 Spiral	PVC	Red	3.0	7.6	150	66
15E292	300	21	2.1	5/16 in	PVC	2 Spiral	PVC	Red	3.0	7.6	150	66
15E293	300	21	2.1	3/8 in	PVC	2 Spiral	PVC	Red	4.0	10	150	66
15E294	300	21	2.1	1/2 in	PVC	2 Spiral	PVC	Red	3.0	7.6	150	66



Air and Water Bulk Hose

061195	300	21	2.1	3/8 in	Nylon	1 Fabric	Synthetic Rubber	Black	2.0	5.1	225	107
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061185	500	35	3.5	3/4 in	Nylon	2 Rayon	Neoprene	Black	4.0	10	200	93
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Hoses

Hose: Low Pressure

Air & Water Hose Assemblies with Couplings

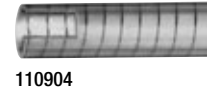
Order Part No.	Coupling Size/Type	Length		Max. WP			ID Size in	Tube Material	Braid No. Material	Cover Material	Cover Color	Bend Radius		Max. Temp	
		ft	m	psi	bar	MPa						in	cm	°F	°C
186534	No fittings	4.9 in	12 cm	400	28	2.8	1/10	Nylon	–	–	Black	0.3	1		
186533	No fittings	26 in	60 cm	400	28	2.8	1/10	Nylon	–	–	Black	0.3	1		
111240	No fittings	108 in	2.74	400	28	2.8	1/10	Nylon	–	–	Black	0.3	1		
206749	1/8 x 1/4 npt(mbe)	3	91 cm	250	17	1.7	1/4	Neoprene	2 Rayon	Buna-N/PVC	Black	3.0	7.6	200	93
207348	1/8 x 1/4 npt(mbe)	4	1.2	250	17	1.7	1/4	Neoprene	2 Rayon	Buna-N/PVC	Black	3.0	7.6	200	93
202812	1/4 npt(mbe)	15 in	38 cm	250	17	1.7	1/4	Neoprene	2 Rayon	Buna-N/PVC	Black	3.0	7.6	200	93
203266	1/4 npt(mbe)	22 in	56 cm	250	17	1.7	1/4	Neoprene	2 Rayon	Buna-N/PVC	Black	3.0	7.6	200	93
200118	1/4 npt(mbe)	2, 7	81 cm	250	17	1.7	1/4	Neoprene	2 Rayon	Buna-N/PVC	Black	3.0	7.6	200	93
200115	1/4 npt(mbe)	4	1.2	250	17	1.7	1/4	Neoprene	2 Rayon	Buna-N/PVC	Black	3.0	7.6	200	93
200033	1/4 npt(mbe)	6	1.8	250	17	1.7	1/4	Neoprene	2 Rayon	Buna-N/PVC	Black	3.0	7.6	200	93
200991	1/4 npt(mbe)	10	3	250	17	1.7	1/4	Neoprene	2 Rayon	Buna-N/PVC	Black	3.0	7.6	200	93
218491	3/8 x 1/4 npt(mbe)	40	12	250	17	1.7	1/4	Neoprene	2 Rayon	Buna-N/PVC	Black	3.0	7.6	200	93
205169	3/8 npsm (fbe) swivel	3	91 cm	300	21	2.1	3/8	Nylon	1 Fabric	Synthetic Rubber	Black	2.0	5.1	225	107
205398	3/8 npsm (fbe) swivel	6	1.8	300	21	2.1	3/8	Nylon	1 Fabric	Synthetic Rubber	Black	2.0	5.1	225	107
205160	3/8 npsm (fbe) swivel	15	4.5	300	21	2.1	3/8	Nylon	1 Fabric	Synthetic Rubber	Black	2.0	5.1	225	107
205142	3/8 npsm (fbe) swivel	25	7.6	300	21	2.1	3/8	Nylon	1 Fabric	Synthetic Rubber	Black	2.0	5.1	225	107
212005	1/4 npsm(fbe)	6	1.8	300	21	2.1	1/4	Modified Vinyl	2 Spiral	Modified Rubber	Red	3.0	7.6	150	66
109123	1/4 npt(mbe) Steel	18 in	46 cm	300	21	2.1	1/4	Modified Vinyl	2 Spiral	Modified Rubber	Red	3.0	7.6	150	66
109124	1/4 npt(mbe) Steel	4	1.2	300	21	2.1	1/4	Modified Vinyl	2 Spiral	Modified Rubber	Red	3.0	7.6	150	66
109125	1/4 npt(mbe) Steel	6	1.8	300	21	2.1	1/4	Modified Vinyl	2 Spiral	Modified Rubber	Red	3.0	7.6	150	66
109126	1/4 npt(mbe) Steel	10	3	300	21	2.1	1/4	Modified Vinyl	2 Spiral	Modified Rubber	Red	3.0	7.6	150	66
109127	1/4 x 1/2 npt(mbe)	25	7.6	300	21	2.1	1/4	Modified Vinyl	2 Spiral	Modified Rubber	Red	3.0	7.6	150	66
109128	1/4 x 1/2 npt(mbe)	40	12	300	21	2.1	1/4	Modified Vinyl	2 Spiral	Modified Rubber	Red	3.0	7.6	150	66
210866	1/4 npsm(f) swivel	15	4.5	300	21	2.1	5/16	Modified Vinyl	2 Spiral	Modified Rubber	Red	3.0	7.6	150	66
210867	1/4 npsm(f) swivel	25	7.6	300	21	2.1	5/16	Modified Vinyl	2 Spiral	Modified Rubber	Red	3.0	7.6	150	66
210868	1/4 npsm(f) swivel	50	15.2	300	21	2.1	5/16	Modified Vinyl	2 Spiral	Modified Rubber	Red	3.0	7.6	150	66
214657	1/4 x 1/2 npt (fxm)	5	1.5	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
214652	3/8 npt(mbe)	18 in	46 cm	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
214651	3/8 npt(mbe)	17, 6	5.3	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
214655	3/8 npt(mbe)	25	7.6	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
214654	3/8 npt(mbe)	50	15.2	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
214653	3/8 npt(mbe)	100	30.4	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
218093	1/2 npt(mbe)	22 in	56 cm	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
110046	1/2 npt(mbe)	4	1.2	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
205418	1/2 npt(mbe)	6	1.8	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
214656	1/2 npt(mbe)	10	3	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
248312	1/2 npt(mbe)	25	7.6	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
248313	1/2 npt(mbe)	50	15.2	180	12	1.2	1/2	Modified Vinyl	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93

Air and Water Hose Assemblies with Couplings continues on next page.

Hoses

Hose: Low Pressure

Air & Water Hose Assemblies with Couplings (continued)



Order Part No.	Coupling Size/Type	Length		Max. WP			ID Size in	Tube Material	Braid No. Material	Cover Material	Cover Color	Bend Radius		Max. Temp	
		ft	m	psi	bar	MPa						in	cm	°F	°C
214952	1/2 x 3/4 npt(mbe)	17.75	41	180	12	1.2	3/4	Buna-N (NBR)	1 Rayon	Buna-N/PVC	Red	7.0	18	200	93
214954	1/2 x 3/4 npt(mbe)	2, 8	82.5	180	12	1.2	3/4	Buna-N (NBR)	1 Rayon	Buna-N/PVC	Red	7.0	18	200	93
214950	1/2 x 3/4 npt(mbe)	6	1.8	180	12	1.2	3/4	Buna-N (NBR)	1 Rayon	Buna-N/PVC	Red	7.0	18	200	93
214951	1/2 x 3/4 npt(mbe)	25	7.62	180	12	1.2	3/4	Buna-N (NBR)	1 Rayon	Buna-N/PVC	Red	7.0	18	200	93
110047	3/4 npt(mbe)	18	46	180	12	1.2	3/4	Buna-N (NBR)	1 Rayon	Buna-N/PVC	Red	7.0	18	200	93
214956	3/4 npt(mbe)	2	0.6	180	12	1.2	3/4	Buna-N (NBR)	1 Rayon	Buna-N/PVC	Red	7.0	18	200	93
110048	3/4 npt(mbe)	4	1.2	180	12	1.2	3/4	Buna-N (NBR)	1 Rayon	Buna-N/PVC	Red	7.0	18	200	93
208610	3/4 npt(mbe)	6	1.8	180	12	1.2	3/4	Buna-N (NBR)	1 Rayon	Buna-N/PVC	Red	7.0	18	200	93
214955	3/4 npt(mbe)	10	3	180	12	1.2	3/4	Buna-N (NBR)	1 Rayon	Buna-N/PVC	Red	7.0	18	200	93
205548	3/4 npt(mbe)	15	4.5	180	12	1.2	3/4	Buna-N (NBR)	1 Rayon	Buna-N/PVC	Red	7.0	18	200	93
223068**	1/4 npsm (fbe)	6	1.8	100	7	0.7	5/16	Polyamide	—	Polyurethane	Grey	.875	2.2	—	—
223070**	1/4 npsm (fbe)	25	7.6	100	7	0.7	5/16	Polyamide	—	Polyurethane	Grey	.875	2.2	—	—
223071**	1/4 npsm (fbe)	36	11	100	7	0.7	5/16	Polyamide	—	Polyurethane	Grey	.875	2.2	—	—
223072**	1/4 npsm (fbe)	50	15.2	100	7	0.7	5/16	Polyamide	—	Polyurethane	Grey	.875	2.2	—	—
223073	1/4 npsm (fbe)	75	22.9	100	7	0.7	5/16	Polyamide	—	Polyurethane	Grey	.875	2.2	—	—
223074	1/4 npsm (fbe)	100	30.4	100	7	0.7	5/16	Polyamide	—	Polyurethane	Grey	.875	2.2	—	—
221169	1/2 x 1/4 npt(mbe)	10	3.0	175	12	1.2	3/8	Buna-N PVC	Polyester	Buna-N/PVC	—	4.0	10	200	93
110904	1/2 x 3/4 npt(mbe)	6	1.8	100	7	0.7	1/2	PVC	Spring Wire	PVC	Clear	2.0	5.1	150	66
110822	3/8 x 3/4 npt(mbe)	10	3.0	100	7	0.7	1/2	PVC	Spring Wire	PVC	Clear	2.0	5.1	150	66
164724	1/8 npt(mbe)	1	0.3	400	28	2.8	1/4	Neoprene	1 Textile	Neoprene	Black	5.0	12.7	200	93
160023	1/8 npt(mbe)	18	0.45	400	28	2.8	1/4	Neoprene	1 Textile	Neoprene	Black	5.0	12.7	200	93
165741	1/8 npt(mbe)	2	0.6	400	28	2.8	1/4	Neoprene	1 Textile	Neoprene	Black	5.0	12.7	200	93
111582	1 in gnt m x f	50	15.2	200	14	1.4	1	EPDM	4 Textile Spiral	EPDM	Black	15	38	180	82
222914	1-1/2 npt(fbe)	8	2.4	150	10.4	1.04	1 1/2	Polyethylene	2 Textile, 1 Steel	EDPM	Green	8.0	20	150	66
235068	1/4 npsm(fbe) zinc plated brass	6	1.8	100	7	0.7	5/16	Polyurethane	1 SST	Polyurethane	Red	0.750	1.9	150	66
235069	1/4 npsm(fbe) zinc plated brass	15	4.5	100	7	0.7	5/16	Polyurethane	1 SST	Polyurethane	Red	0.750	1.9	150	66
235070	1/4 npsm(fbe) zinc plated brass	25	7.6	100	7	0.7	5/16	Polyurethane	1 SST	Polyurethane	Red	0.750	1.9	150	66
235071	1/4 npsm(fbe) zinc plated brass	36	11.0	100	7	0.7	5/16	Polyurethane	1 SST	Polyurethane	Red	0.750	1.9	150	66
235072	1/4 npsm(fbe) zinc plated brass	50	15.2	100	7	0.7	5/16	Polyurethane	1 SST	Polyurethane	Red	0.750	1.9	150	66
235073	1/4 npsm(fbe) zinc plated brass	75	22.9	100	7	0.7	5/16	Polyurethane	1 SST	Polyurethane	Red	0.750	1.9	150	66
235074	1/4 npsm(fbe)s zinc plated brass	100	30.4	100	7	0.7	5/16	Polyurethane	1 SST	Polyurethane	Red	0.750	1.9	150	66

* Note: Special hose features 1/4 fbe swivels. One end right hand thread. Other end left-hand special thread.

** Left-hand thread



Hoses

Hose: Low, Medium and High Pressure

Low, Medium and High Pressure Hose Assemblies with Couplings



Order Part No.	Coupling Size/Type	Length		Max. WP			ID Size in	Tube Material	Braid No. Material	Cover Material	Cover Color	Bend Radius		Max. Temp	
		ft	m	psi	bar	MPa						in	cm	°F	°C
155816	3/4 npt(mbe)	6	1.8	750	52	5.2	3/4 in	Buna-N	2 Rayon	Neoprene	Black	6.0	15	200	93
218689	3/4 npt(mbe)	50	15.2	750	52	5.2	3/4 in	Buna-N	2 Rayon	Neoprene	Black	6.0	15	200	93
218498	3/8 x 1/2 npt(mbe)	60	18	300	21	2.1	3/8 in	Neoprene	4 Textile Spiral	Buna-N/PVC	Black	4.0	10	200	93
202961	1/4 x 3/8 npt(mbe)	4	1.2	300	21	2.1	3/8 in	Neoprene	4 Textile Spiral	Buna-N/PVC	Black	4.0	10	200	93
204561	1/4 x 3/8 npt(mbe)	3	7.6 cm	180	12	1.2	3/4 in	Buna-N	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
110326	1/4 x 3/8 npt(mbe)	16	4.9	180	12	1.2	3/4 in	Buna-N	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
204560	3/8 npt(mbe)	18 in	46 cm	180	12	1.2	3/4 in	Buna-N	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
109130	3/8 npt(mbe)	4	1.2	180	12	1.2	3/4 in	Buna-N	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
208048	3/8 npt(mbe)	4	1.2	180	12	1.2	3/4 in	Buna-N	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
203320	3/8 npt(mbe)	6	1.8	180	12	1.2	3/4 in	Buna-N	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
109131	3/8 npt(mbe)	10	3	180	12	1.2	3/4 in	Buna-N	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
109132	3/8 x 1/2 npt(mbe)	25	7.6	180	12	1.2	3/4 in	Buna-N	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
109134	3/8 x 1/2 npt(mbe)	40	12	180	12	1.2	3/4 in	Buna-N	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
109135	3/8 x 1/2 npt(mbe)	60	18	180	12	1.2	3/4 in	Buna-N	1 Rayon	Buna-N/PVC	Red	4.0	10	200	93
220596	3/8 x 1/2 npt(mbe)	4	1.2	3000	207	20.7	1/2 in	Nitrile	Wire Braid	Nitrile	black	3.5	9	200	93
220600	1/2 npt(mbe)	4, 6	1.3	3000	207	20.7	1/2 in	Nitrile	Wire Braid	Nitrile	black	3.5	9	200	93
220591	1/2 npt(mbe)	6	1.8	3000	207	20.7	1/2 in	Nitrile	Wire Braid	Nitrile	black	3.5	9	200	93
220590	1/2 npt(mbe)	10	3	3000	207	20.7	1/2 in	Nitrile	Wire Braid	Nitrile	black	3.5	9	200	93
220592	1/2 npt(mbe)	16	4.9	3000	207	20.7	1/2 in	Nitrile	Wire Braid	Nitrile	black	3.5	9	200	93
220593	1/2 npt(mbe)	20	6	3000	207	20.7	1/2 in	Nitrile	Wire Braid	Nitrile	black	3.5	9	200	93
220602	1/2 npt(mbe)	50	15.2	3000	207	20.7	1/2 in	Nitrile	Wire Braid	Nitrile	black	3.5	9	200	93

Hoses



061185
061188
061195

Hose: Low and Medium Pressure

For Paints Bulk Hose by Reel

Bulk Hose Reference No.	Max. WP			ID Size in	Tube Material	Braid No. Material	Cover Material	Cover Color	Bend Radius		Max. Temp	
	psi	bar	MPa						in	cm	°F	°C
061205	500	35	3.5	1/4 in	Nylon	1 Rayon	Neoprene	Black	1.25	3.9	225	107
061132	225	16	1.6	1/4 in	Nylon	None	Nylon	Natural	2.25	5.8	150	66
061135	475	33	3.3	1/8 in	Nylon	None	Nylon	Natural	2.0	5	150	66
054123	250	17	1.7	3/16 in	Nylon II	–	Nylon II	Natural	0.875	2.2	200	93
054172	250	17	1.7	3/16 in	Nylon II	–	Nylon II	Black	0.875	2.2	200	93
061134	200	14	1.4	3/8 in	Nylon	None	Nylon	Natural	3.25	7.7	150	66
061195	300	21	2.1	3/8 in	Nylon	1 Fabric	Neoprene	Black	2.0	5	225	107
061200	500	35	3.5	1/2 in	Nylon	2 Fabric	Neoprene	Black	5.0	13	225	107
061185	500	35	3.5	3/4 in	Nylon 6	2 Rayon	Neoprene	Black	3.5	8.9	225	107
061188	500	35	3.5	1 in	Nylon 6	2 Rayon	Neoprene	Black	6.0	15	225	107
598004	175	12	1.2	3/8 in	PTFE	–	–	White	–	–	–	–
061345	100	7	0.7	3/16 in	Nylon	–	Polyurethane	Clear	2	5	150	66
597350	190	13	1.3	1/4 in	PTFE	–	–	White	1.5	4	–	–

Low Pressure Paint Hose Assemblies with Couplings

Order Part No.	Coupling Size/Type	Length		Max. WP			ID Size in	Tube Material	Braid No. Material	Cover Material	Cover Color	Bend Radius		Max. Temp	
		ft	m	psi	bar	MPa						in	cm	°F	°C
183735	No fittings	15 in	38 cm	250	17	1.7	3/16 in	Nylon II	–	Nylon II	Natural	0.875	2.2	200	93
186532	No fittings	22.5 in	57 cm	250	17	1.7	3/16 in	Nylon II	–	Nylon II	Black	0.875	2.2	200	93
181137	No fittings	38 in	96 cm	250	17	1.7	3/16 in	Nylon II	–	Nylon II	Black	0.875	2.2	200	93
215638	3/8 npsm(fbe)	49	14.9	225	16	1.6	1/4 in	Nylon	None	Nylon	Natural	2.25	5.8	150	66
205406	1/4 npsm(fbe) Swivel	25	7.6	225	16	1.6	1/4 in	Nylon	None	Nylon	Natural	2.25	5.8	150	66
206965	1/4 npsm(f) Swivel x Perm. Cpld. Bent Tube	3	91 cm	225	16	1.6	1/4 in	Nylon	None	Nylon	Natural	2.25	5.8	150	66
208112	1/2 x 3/4 npt(mbe)	2	0.6	500	35	3.5	3/4 in	Nylon 6	2 Rayon	Neoprene	Black	3.5	8.9	225	107
214960	3/4 npt(mbe)	3, 6	1.1	500	35	3.5	3/4 in	Nylon 6	2 Rayon	Neoprene	Black	3.5	8.9	225	107
214961	3/4 npt(mbe)	6	1.8	500	35	3.5	3/4 in	Nylon 6	2 Rayon	Neoprene	Black	3.5	8.9	225	107
217382	3/4 npt(mbe)	10	3	500	35	3.5	3/4 in	Nylon 6	2 Rayon	Neoprene	Black	3.5	8.9	225	107
221170	3/4 npt(mbe) SST	3	91 cm	500	35	3.5	3/4 in	Nylon 6	2 Rayon	Neoprene	Black	3.5	8.9	225	107
221171	3/4 npt(mbe) SST	6	1.8	500	35	3.5	3/4 in	Nylon 6	2 Rayon	Neoprene	Black	3.5	8.9	225	107
170706	No fittings	4	1.2	500	35	3.5	3/4 in	Nylon 6	2 Rayon	Neoprene	Black	3.5	8.9	225	107
220372	1 npt(mbe)	6	1.8	500	35	3.5	1 in	Nylon 6	2 Rayon	Neoprene	Black	6.0	15	225	107
220373	1 npt(mbe)	12	3.7	500	35	3.5	1 in	Nylon 6	2 Rayon	Neoprene	Black	6.0	15	225	107
214959	1 npt(mbe) SST	6	1.8	500	35	3.5	1 in	Nylon 6	2 Rayon	Neoprene	Black	6.0	15	225	107
205169	3/8 npsm(fbe)	3	91 cm	300	21	2.1	3/8 in	Nylon	1 Fabric	Neoprene	Black	2.0	5	225	107
205398	3/8 npsm(fbe)	6	1.8	300	21	2.1	3/8 in	Nylon	1 Fabric	Neoprene	Black	2.0	5	225	107
205142	3/8 npsm(fbe)	25	7.6	300	21	2.1	3/8 in	Nylon	1 Fabric	Neoprene	Black	2.0	5	225	107
202300	3/8 x 1/2 npt(mbe)	6	1.8	500	35	3.5	1/2 in	Nylon	2 Fabric	Neoprene	Black	5.0	13	225	107
167343	No fittings	10	3	500	35	3.5	1/2 in	Nylon	2 Fabric	Neoprene	Black	5.0	13	225	107
205375	1/4 npt(m) x 1/4 npsm(f) Swivel	6	1.8	500	35	3.5	1/4 in	Nylon	1 Rayon	Neoprene	Black	1.25	3.9	225	107
212006	3/8 npsm(fbe) Swivel	80 in	2.0	500	35	3.5	1/4 in	Nylon	1 Rayon	Neoprene	Black	1.25	3.9	225	107



Hoses

Hose: Low and Medium Pressure Airless Spray Hose Assemblies with Couplings

Order Part No.	Coupling Size/Type	Length		Max. WP			ID Size in	Electrical Grounding	Tube Material	Braid No. Material	Cover Material	Cover Color	Bend Radius		Max. Temp	
		ft	m	psi	bar	MPa							in	cm	°F	°C
205324	1/4 npsm(fbe)	12 in	0.3	3000	210	21	1/4 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
206966	1/4 npsm(fbe)	19 in	0.48	3000	210	21	1/4 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
205099	1/4 npsm(fbe)	30 in	0.76	3000	210	21	1/4 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
205058	1/4 npsm(fbe)	6 ft	1.8	3000	210	21	1/4 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
205349	1/4 npsm(fbe)	15 ft	4.5	3000	210	21	1/4 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
204938	1/4 npsm(fbe)	25 ft	7.6	3000	210	21	1/4 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
206024	1/4 npsm(fbe)	50 ft	15.2	3000	210	21	1/4 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
214700	1/4 npsm(fbe) Swivel	2 ft	0.6	3000	210	21	3/16 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
214701	1/4 npsm(fbe) Swivel	3 ft	0.9	3000	210	21	1/4 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
214699	1/4 npsm(fbe) Swivel	6 ft	1.8	3000	210	21	3/16 in	Wire Braid	Nylon	1-Wire	SST	SST	2.0	5	200	93
214981	1/4 npsm(fbe) Swivel	15 ft	4.5	3000	210	21	1/4 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
214698	1/4 npsm(fbe) Swivel	25 ft	7.6	3000	210	21	1/4 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
214697	1/4 npsm(fbe) Swivel	50 ft	15.2	3000	210	21	1/4 in	Wire Braid	PTFE	1-Wire	SST	SST	2.0	5	200	93
214912	1/4 npsm(fbe) Swivel	3 ft	0.9	5000	350	35	1/4 in	Thermo-Plastic	Nylon	None	Urethane	Gray	2.0	5	150	66
214913	1/4 npsm(fbe) Swivel	6 ft	1.8	5000	350	35	1/4 in	Thermo-Plastic	Nylon	None	Urethane	Gray	2.0	5	150	66
214914	1/4 npsm(fbe) Swivel	25 ft	7.6	5000	350	35	1/4 in	Thermo-Plastic	Nylon	None	Urethane	Gray	2.0	5	150	66
214915	1/4 npsm(fbe) Swivel	50 ft	15.2	5000	350	35	1/4 in	Thermo-Plastic	Nylon	None	Urethane	Gray	2.0	5	150	66
215225	1/2 npt(mbe) Rigid	10 ft	3	4050	279	27	1/2 in	Thermo-Plastic	Nylon	None	Polyester	Blue	2.5	63	180	82
215226	1/2 npt(mbe) Rigid	25 ft	7.6	4050	279	27	1/2 in	Thermo-Plastic	Nylon	None	Polyester	Blue	2.5	63	180	82
215227	1/2 npt(mbe) Rigid	50 ft	15.2	4050	279	27	1/2 in	Thermo-Plastic	Nylon	None	Polyester	Blue	2.5	63	180	82
235022	1/2 npt(mbe)	3 ft	0.9	5000	345	34	1/2 in	Polymer	Nylon	2 Synthetic	Polyurethane	Gray	5.5	40	150	66
235024	1/2 npt(mbe)	25 ft	7.6	5000	345	34	1/2 in	Polymer	Nylon	2 Synthetic	Polyurethane	Gray	5.5	40	150	66
235025	1/2 npt(mbe)	50 ft	15	5000	345	34	1/2 in	Polymer	Nylon	2 Synthetic	Polyurethane	Gray	5.5	40	150	66
215247	3/8 npt(mbe) Rigid	5 ft	1.5	5000	350	35	3/8 in	Thermo-Plastic	Nylon	None	Urethane	Gray	150	66		
215244	3/8 npt(mbe) Rigid	25 ft	7.6	5000	350	35	3/8 in	Thermo-Plastic	Nylon	None	Urethane	Gray	150	66		
215245	3/8 npt(mbe) Rigid	50 ft	15.2	5000	350	35	3/8 in	Thermo-Plastic	Nylon	None	Urethane	Gray	150	66		
215246	3/8 npt(mbe) Rigid	100 ft	30.4	5000	350	35	3/8 in	Thermo-Plastic	Nylon	None	Urethane	Gray	150	66		
217378	3/8 npt(mbe)	30 in	0.76	3000	210	21	3/8 in	Thermo-Plastic	Nylon	2 Synthetic	Urethane	Blue	2.5	6.4	180	82
214920	3/8 npt(mbe) Rigid	100 ft	30.4	3000	210	21	3/8 in	Thermo-Plastic	Nylon	2 Synthetic	Urethane	Blue	2.5	6.4	180	82
214703	3/8 npt(mbe)	25 ft	7.6	3000	210	21	3/8 in	Thermo-Plastic	Nylon	2 Synthetic	Urethane	Blue	2.5	6.4	180	82

Hoses

Hose: Low and Medium Pressure

Airless Spray Hose Assemblies with Couplings (continued)

Order Part No.	Coupling Size/Type	Length		Max. WP			ID Size in	Electrical Grounding	Tube Material	Braid No. Material	Cover Material	Cover Color	Bend Radius		Max. Temp	
		ft	m	psi	bar	MPa							in	cm	°F	°C
223757	1/4 npt(mbe)	40 ft	12	3000	210	21	1/4 in	Thermo-Plastic	Nylon	4 Synthetic	Polyurethane	Blue	1.0	2	180	82
223763	1/4 npsm(f) x 1/4 npt(m)	14 in	0.35	3000	210	21	1/4 in	Thermo-Plastic	Nylon	4 Synthetic	Polyurethane	Blue	1.0	2	180	82
223767	1/4 npsm(f) x 1/4 npt(m)	21 in	0.55	3000	210	21	1/4 in	Thermo-Plastic	Nylon	4 Synthetic	Polyurethane	Blue	1.0	2	180	82
223768	1/4 npsm(f) x 1/4 npt(m)	29 in	0.76	3000	210	21	1/4 in	Thermo-Plastic	Nylon	4 Synthetic	Polyurethane	Blue	1.0	2	180	82
223761	1/4 npsm(f) x 1/4 npt(m)	3 ft	0.9	3000	210	21	1/4 in	Thermo-Plastic	Nylon	4 Synthetic	Polyurethane	Blue	1.0	2	180	82
223760	1/4 npsm(fbe)	27 in	0.69	3000	210	21	1/4 in	Thermo-Plastic	Nylon	4 Synthetic	Polyurethane	Blue	1.0	2	180	82
223766	1/4 npsm(fbe)	29 in	0.76	3000	210	21	1/4 in	Thermo-Plastic	Nylon	4 Synthetic	Polyurethane	Blue	1.0	2	180	82
223756	1/4 npsm(fbe)	15 ft	4.5	3000	210	21	1/4 in	Thermo-Plastic	Nylon	4 Synthetic	Polyurethane	Blue	1.0	2	180	82
223540	1/4 npsm(fbe)	25 ft	7.6	3000	210	21	1/4 in	Thermo-Plastic	Nylon	4 Synthetic	Polyurethane	Blue	1.0	2	180	82
223769	1/4 npsm(fbe)	32 ft	9.8	3000	210	21	1/4 in	Thermo-Plastic	Nylon	4 Synthetic	Polyurethane	Blue	1.0	2	180	82
223541	1/4 npsm(fbe)	50 ft	15.2	3000	210	21	1/4 in	Thermo-Plastic	Nylon	4 Synthetic	Polyurethane	Blue	1.0	2	180	82
237070	1/4 npsm(fbe)	6 ft	1.8	7400	510	51	1/4 in	Wire Braid	Nylon	2 Wire	Polyurethane	Black	2.75	7	180	82
237071	1/4 npsm(fbe)	50 ft	15.2	7400	510	51	1/4 in	Wire Braid	Nylon	2 Wire	Polyurethane	Black	2.75	7	180	82
237072	3/8 npsm(fbe)	50 ft	15.2	7400	510	51	3/8 in	Wire Braid	Nylon	2 Wire	Polyurethane	Black	4.75	12	180	82
237213	1/2 npsm(fbe)	50 ft	15.2	7970	550	55	1/2 in	Wire Braid	Nylon	2 Wire	Polyurethane	Black	5.9	15	212	100
238383	1/4 npsm(fbe)	6 ft	1.8	5000	345	34	1/4 in	Wire Braid	Nylon	2-Wire	Polyurethane	Blue	2.75	7	180	82
238385	1/4 npsm(fbe)	25 ft	7.6	5000	345	34	1/4 in	Wire Braid	Nylon	2-Wire	Polyurethane	Blue	2.75	7	180	82
238386	1/4 npsm(fbe)	50 ft	15.2	5000	345	34	1/4 in	Wire Braid	Nylon	2-Wire	Polyurethane	Blue	2.75	7	180	82
238387	1/4 npsm(fbe)	100 ft	30	5000	345	34	1/4 in	Wire Braid	Nylon	2-Wire	Polyurethane	Blue	2.75	7	180	82
238395	3/8 npt(m) x 3/8npsm(f)	25 ft	7.6	5000	345	34	3/8 in	Wire Braid	Nylon	1-Wire	Polyurethane	Blue	4.72	12	180	82
238396	3/8 npt(m) x 3/8npsm(f)	50 ft	15.2	5000	345	34	3/8 in	Wire Braid	Nylon	1-Wire	Polyurethane	Blue	4.72	12	180	82
238397	3/8 npt(m) x 3/8npsm(f)	100 ft	30	5000	345	34	3/8 in	Wire Braid	Nylon	1-Wire	Polyurethane	Blue	4.72	12	180	82

Hoses



215241
215441

Hose: High Pressure

Multi Purpose Hose Assemblies with Couplings

Order Part No.	Couplg Size/Type	Length		Max. WP			ID Size in	Electrical Grounding	Tube Material	Braid No. Material	Cover Material	Cover Color	Bend Radius		Max. Temp	
		ft	m	psi	bar	MPa							in	cm	°F	°C
109149	1/4 npt(mbe) Rigid	4	1.2	5000	345	34	1/4	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Black	2	5	200	93
109150	1/4 npt(mbe) Rigid	6	1.8	5000	345	34	1/4	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Black	2	5	200	93
109152	1/4 npt(mbe) Rigid	15	4.5	5000	345	34	1/4	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Black	2	5	200	93
109153	1/4 npt(mbe) Rigid	20	6.1	5000	345	34	1/4	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Black	2	5	200	93
109156	1/4 x 3/8 npt(mbe) Rigid	35	10.6	5000	345	34	1/4	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Black	2	5	200	93
109157	1/4 x 3/8 npt(mbe) Rigid	40	12.2	5000	345	34	1/4	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Black	2	5	200	93
205753	3/8 npt(mbe) Rigid SST	40	12.2	2250	155	15	3/8	Wire Braid	Buna-N (NBR)	1 Wire	Neoprene	Grey	5	13	200	93
207831	3/8 npt(mbe) Rigid SST	50	15.2	2250	155	15	3/8	Wire Braid	Buna-N (NBR)	1 Wire	Neoprene	Grey	5	13	200	93
214601	1/2 npt(mbe) Rigid	2	0.6	2000	140	14	1/2	Wire Braid or Neoprene	Buna-N (NBR)	1 Wire	Neoprene	Black	7	17.8	200	93
109161	3/8 npt(mbe) Rigid	2	0.6	4000	280	28	3/8	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Grey	2.5	6.4	200	93
109162	3/8 npt(mbe) Rigid	4	1.2	4000	280	28	3/8	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Grey	2.5	6.4	200	93
109163	3/8 npt(mbe) Rigid	6	1.8	4000	280	28	3/8	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Grey	2.5	6.4	200	93
109165	1/4 npt(mbe) Rigid	15	4.5	4000	280	28	3/8	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Grey	2.5	6.4	200	93
109167	1/4 npt(mbe) Rigid	25	7.6	4000	280	28	3/8	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Grey	2.5	6.4	200	93
109169	1/4 x 3/8 npt(mbe) Rigid	40	12.2	4000	280	28	3/8	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Grey	2.5	6.4	200	93
109170	1/4 x 3/8 npt(mbe) Rigid	50	15.2	4000	280	28	3/8	Wire Braid or Neoprene	Buna-N (NBR)	2 Wire	Buna-N PVC	Grey	2.5	6.4	200	93
205174	1/4 npt(mbe) Rigid	40	12.2	1250	86	8	1/4	Rayon Braid	Buna-N (NBR)	2 Rayon	Buna-N PVC	Black	3	8	200	93
214962	1/2 npt(mbe) Rigid	15	4.5	3500	240	24	1/2	Thermo-Plastic	Buna-N (NBR)	2 Wire	Buna-N PVC	Black	7	17.8	200	93
214964	1/2 npt(mbe) Rigid	50	15.2	3500	240	24	1/2	Thermo-Plastic	Buna-N (NBR)	2 Wire	Buna-N PVC	Black	7	17.8	200	93
215241	3/4 npt(mbe) Rigid	6	1.8	5000	345	34	3/4	Wire Braid	Neoprene	4 Wire	Neoprene	Black	7	17.8	250	121
215238	3/4 npt(mbe) Rigid	10	3	5000	345	34	3/4	Wire Braid	Neoprene	4 Wire	Neoprene	Black	7	17.8	250	121
215239	3/4 npt(mbe) Rigid	15	4.5	5000	345	34	3/4	Wire Braid	Neoprene	4 Wire	Neoprene	Black	7	17.8	250	121
215240	3/4 npt(mbe) Rigid	25	7.6	5000	345	34	3/4	Wire Braid	Neoprene	4 Wire	Neoprene	Black	7	17.8	250	121
215441	1/2 npt(mbe) Rigid	10	3	5000	345	34	1/2	Wire Braid	Buna-N (NBR)	2 Wire	Modified Nitrile	Black	6	15.2	200	93
215443	1/2 npt(mbe) Rigid	25	7	5000	345	34	1/2	Wire Braid	Buna-N (NBR)	2 Wire	Modified Nitrile	Black	6	15.2	200	93
215444	1/2 npt(mbe) Rigid	50	15.2	5000	345	34	1/2	Wire Braid	Buna-N (NBR)	2 Wire	Modified Nitrile	Black	6	15.2	200	93
215445	1/2 npt(mbe) Rigid	5	1.5	5000	345	34	1/2	Wire Braid	Buna-N (NBR)	2 Wire	Modified Nitrile	Black	6	15.2	200	93

Hoses

Electrostatic Air Hose

Low Pressure Air Hose Assemblies

Part No.	Max. WP			ID Size in	Tube Material	Coupling Size/Type	Length	
	psi	bar	MPa				ft	m
Whip Hose								
236130	100	7	0.7	3/16	Polyurethane	1/4 npsm(m) (mxf) swivel LH	3	0.9
236131	100	7	0.7	3/16	Polyurethane	1/4 npsm(m) (mxf) swivel LH	6	1.8
Grey Hose								
223069	100	7	0.7	5/16	Modified Polyamide	1/4 npsm(fbe) LH	15	5
223070	100	7	0.7	5/16	Modified Polyamide	1/4 npsm(fbe) LH	25	8
223071	100	7	0.7	5/16	Modified Polyamide	1/4 npsm(fbe) LH	36	11
223072	100	7	0.7	5/16	Modified Polyamide	1/4 npsm(fbe) LH	50	15
223073	100	7	0.7	5/16	Modified Polyamide	1/4 npsm(fbe) LH	75	23
223074	100	7	0.7	5/16	Modified Polyamide	1/4 npsm(fbe) LH	100	30.5
Red Hose with Metallic Ground Wire								
235069	100	7	0.7	5/16	Polyurethane	1/4 npsm(fbe) LH	15	5
235070	100	7	0.7	5/16	Polyurethane	1/4 npsm(fbe) LH	25	8
235071	100	7	0.7	5/16	Polyurethane	1/4 npsm(fbe) LH	36	11
235072	100	7	0.7	5/16	Polyurethane	1/4 npsm(fbe) LH	50	15
235073	100	7	0.7	5/16	Polyurethane	1/4 npsm(fbe) LH	75	23
235074	100	7	0.7	5/16	Polyurethane	1/4 npsm(fbe) LH	100	30.5
Grey Hose with Metallic Ground Wire								
244963	100	7	0.7	5/16	EDPM	1/4 npsm(fbe) LH	6	1.8
244964	100	7	0.7	5/16	EDPM	1/4 npsm(fbe) LH	15	5
244965	100	7	0.7	5/16	EDPM	1/4 npsm(fbe) LH	25	8
244966	100	7	0.7	5/16	EDPM	1/4 npsm(fbe) LH	36	11
244967	100	7	0.7	5/16	EDPM	1/4 npsm(fbe) LH	50	15
244968	100	7	0.7	5/16	EDPM	1/4 npsm(fbe) LH	75	23
244969	100	7	0.7	5/16	EDPM	1/4 npsm(fbe) LH	100	30.5

Hoses

Electrostatic Fluid Hose

Low Pressure – FM Approved Fluid Hose Assemblies

Part No.	Max. WP			ID Size in	Tube Material	Thread Size/Type	Length		Bulk No.
	psi	bar	MPa				US	Metric	
215637	225	14	1.4	1/4	Nylon	3/8 npsm(fbe)	25 ft	8 m	
215638	225	14	1.4	1/4	Nylon	3/8 npsm(fbe)	50 ft	15 m	061132
216076	500	35	3.5	1/4	Nylon	3/8 npsm(fbe)	25 ft	8 m	061205

High Pressure – Static Free Fluid Hose Assemblies

Part No.	Max. WP			ID Size in	Tube Material	Thread Size/Type	Length		
	psi	bar	MPa				US	Metric	
214700	3300	228	22.8	3/16	Nylon	1/4 npsm(fbe)	2 ft	610 mm	
214701	3300	228	22.8	3/16	Nylon	1/4 npt(mxf)	3 ft	914 mm	
214699	3300	228	22.8	3/16	Nylon	1/4 npsm(fbe)	6 ft	1.8 m	
214698	3300	228	22.8	3/16	Nylon	1/4 npsm(fbe)	25 ft	7.6 m	
214697	3300	228	22.8	3/16	Nylon	1/4 npsm(fbe)	50 ft	15.2 m	
223763	3000	207	20.7	1/4	Nylon	1/4 npt(fbe)	14 in	356 mm	
223760	3000	207	20.7	1/4	Nylon	1/4 npsm(fbe)	28 in	711 mm	
223761	3000	207	20.7	1/4 x 1/4 npt(m)	Nylon	1/4 npsm(f)	3 ft	914 mm	
223756	3000	207	20.7	1/4	Nylon	1/4 npsm(fbe)	15 ft	4.6 m	
223540	3000	207	20.7	1/4	Nylon	1/4 npsm(fbe)	25 ft	7.6 m	
223541	3000	207	20.7	1/4	Nylon	1/4 npsm(fbe)	50 ft	15.2 m	
Whip Hose									
236134	3000	207	20.7	1/8 x 1/4 npsm(f)	Nylon	1/4 npt(m)	3 ft	0.9 m	
236135	3000	207	20.7	1/8 x 1/4 npsm(f)	Nylon	1/4 npt(m)	6 ft	1.8 m	

Hose Sets

For Unheated & 2K Materials and Heated Paint Circulation

Hose Set No.	Hose Service	Qty	Tube Material	ID Size in	Length		Coupling Size/Type	Max. WP			Weight	
					ft	m		psi	bar	MPa	lb	kg
214695	Material**	1	Nylon	3/16	25	7.6	1/4 npsm(fbe)	3300	227	22.7	13	5.9
	Solvent**	1	Nylon	3/16	25	7.6	1/4 npsm(fbe)	3300	227	22.7	13	5.9
223759*	Material**	1	Nylon	1/4	25	7.6	1/4 npsm(fbe)	3000	210	21.0	13	5.9
	Solvent**	1	Nylon	1/4	25	7.6	1/4 npsm(fbe)	3000	210	21.0	13	5.9

* Without airline (two fluid hoses only)

** Static ground (static-free cover or wire braid cover)

Hose for Adhesive & Sealant Materials and Moisture-Sensitive Materials

Part No.	ID Size in	Length		Coupling Size/Type	Max. WP			Description
		ft	m		psi	bar	MPa	
C12039	1	10	3	1 npt(m)	250	17	1.7	Air
C12380	1/2	15	4.6	1/2 npt(m)	5875	405	40.5	Neoprene
C12383	1	10	3	1 npt(m)	5000	345	34.5	Neoprene
C12410	5/8	10	3	1-1/16 (-12) JIC	5000	345	34.5	PTFE
C12433	1-7/64	10	3	1-5/8 (-12) JIC	5000	345	34.5	PTFE

Note: Other standard lengths are available.

Hoses

Moisture-Lok Hose

Part No.	ID Size		Length		Coupling Size/Type	Max. WP		
	in	mm	ft	m		psi	bar	MPa
511387	3/4	19	25	7.6	3/4 npt(mbe)	4000	276	27.6
947233	1/4	6	3	0.9	1/4 npsm(fbe)	2750	190	19.0
947076	1/4	6	6	1.8	1/4 npsm(fbe)	2750	190	19.0
947077	1/4	6	10	3	1/4 npsm(fbe)	2750	190	19.0
947078	1/4	6	15	4.6	1/4 npsm(fbe)	2750	190	19.0
947079	1/4	6	25	7.6	1/4 npsm(fbe)	2750	190	19.0
947080	1/4	6	50	15.2	1/4 npsm(fbe)	2750	190	19.0
947475	3/8	10	2	0.6	3/8 npt(mbe)	2250	160	16.0
947081	3/8	10	6	1.8	3/8 npt(mbe)	2250	160	16.0
947082	3/8	10	10	3	3/8 npt(mbe)	2250	160	16.0
947083	3/8	10	15	4.6	3/8 npt(mbe)	2250	160	16.0
947084	3/8	10	25	7.6	3/8 npt(mbe)	2250	160	16.0
947085	3/8	10	50	15.2	3/8 npt(mbe)	2250	160	16.0
947086	1/2	13	6	1.8	1/2 npt(mbe)	2000	140	14.0
947087	1/2	13	10	3	1/2 npt(mbe)	2000	140	14.0
947089	1/2	13	25	7.6	1/2 npt(mbe)	2000	140	14.0
947091	3/4	19	6	1.8	3/4 npt(mbe)	1500	103	10.3
947092	3/4	19	10	3	3/4 npt(mbe)	1500	103	10.3
947093	3/4	19	15	4.6	3/4 npt(mbe)	1500	103	10.3
947094	3/4	19	25	7.6	3/4 npt(mbe)	1500	103	10.3
947096	1	25	6	1.8	1 npt(mbe)	1500	103	10.3

Moisture-Lok hose is designed specifically to prevent moisture permeation through the hose lining. This design is critical to protect moisture sensitive materials such as urethane from crystallization.

PTFE Hose

Part No.	ID Size	Length		Coupling Size/Type	Coupling Material	Max. WP		
		ft	m			psi	bar	MPa
685612	7/32	6	2	1/4 npt(mbe)	SST	4000	276	27.6
685614	7/32	15	4.6	1/4 npt(mbe)	SST	4000	276	27.6
205099	1/4	2.5	0.8	1/4 npsm(fbe)	CS	3000	206	20.6
205058	1/4	6	2	1/4 npsm(fbe)	CS	3000	206	20.6
205349	1/4	15	4.6	1/4 npsm(fbe)	CS	3000	206	20.6
204938	1/4	25	7.6	1/4 npsm(fbe)	CS	3000	206	20.6
206024	1/4	50	15	1/4 npsm(fbe)	CS	3000	206	20.6
685602	5/16	15	4.6	3/8 npt(mbe)	SST	4000	276	27.6
685603	5/16	25	7.6	3/8 npt(mbe)	SST	4000	276	27.6
511381	1/2	15	4.6	1/2 npt(mbe)	SST	5000	345	34.5
685605	5/8	6	2	3/4 npt(mbe)	SST	4000	276	27.6
685606	5/8	10	3	3/4 npt(mbe)	SST	4000	276	27.6
685607	5/8	15	4.6	3/4 npt(mbe)	SST	4000	276	27.6
685608	5/8	25	7.6	3/4 npt(mbe)	SST	4000	276	27.6
C12288	1/2	10	3	1/2 npt(mbe)		1500	103	10.3

Hoses

Siphon Kits, Tubes, Filters and Intake Extensions

5 Gal (19 I) Siphon Kits

Part No.	Description/ Material	Inlet Thread	Hose Tube Material	Hose ID		Hose Length		Suction Tube Material	Suction Tube Length		Suction Tube ID	Strainer Thread	Strainer	Inst. Manual
				in	mm	ft	m		in	mm				
206268	CS	3/4 npt(m)	Nylon	3/4	19	3.5	1.0	Aluminum	18	457	1/2	N/T	NA	307051H
207484	CS	3/4 npsm(f)	Nylon	3/4	19	3.5	1.0	Aluminum	18	457	1/2	N/T	NA	307309H
208920	CS	3/4 npsm(f)	Nylon	1.0	25	4.0	1.2	Aluminum	15	381	1.0	1 npt(m)	187147	307786E
223105	SST	3/4 npt(m)	Nylon	3/4	19	6.0	1.8	Aluminum	18	457	1/2	N/T	NA	NA
237068	CS	2.0 npt(m)	Nylon	1.0	25	6.0	1.8	Aluminum	18	457	1.0	1 npt(m)	191635	308415
241634	SST	3/8 JIC	LDPE	0.37	9.4	4.0	1.2	304 SST	17	432	0.555	1/2 npt(m)	NA	308994D
243832	SST	1/2 npsm(f)	LDPE	0.37	9.4	3.0	0.9	304 SST	17	432	0.555	1/2 npt(m)	NA	309106
244675	CS	3/8 npsm(f)	LDPE	0.37	9.4	4.0	1.0	Aluminum	17	432	0.555	1/2 npt(m)	NA	NA
245082	244675 w/ rock catcher	3/8 npsm(f)	LDPE	0.37	9.4	4.0	1.0	Aluminum	17	432	0.555	1/2 npt(m)	108143	NA
245083	241634 w/ rock catcher	3/8 JIC	LDPE	0.37	9.4	4.0	1.0	304 SST	17	432	.555	1/2 npt(m)	108143	NA
245176	CS*	1-1/4 npt(f)	LDPE	1.0	25	6	1.8	Aluminum	18.25	464	1.0	1 npt(m)	NA	NA
24B337	Merkur cart	3/4 NT	PTFE	0.625	15.9	4	1.2	304 SST	18	457	3/4	3/4 npt	187190	
24B338	Merkur cart	3/4 NT	PTFE	0.875	22.2	4	1.2	304 SST	18	457	3/4	3/4 npt	187190	
24B424	Merkur wall	3/4 NT	PTFE	0.625	15.9	4	1.2	304 SST	18	457	3/4	3/4 npt	187190	
24B425	Merkur wall	3/4 NT	PTFE	0.875	22.2	4	1.2	304 SST	18	457	3/4	3/4 npt	187190	

* For Xtreme pumps

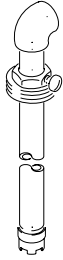
55 Gal (208 I) Siphon Kits

Part No.	Description/ Material	Inlet Thread	Hose Tube Material	Hose ID		Hose Length		Suction Tube Material	Suction Tube Length		Suction Tube ID	Suction Tube OD	Bung Adapter	Inst. Manual
				in	mm	ft	m		in	mm				
203992	low level shut off/CS	1 1/2 npt(m)	Buna	3/4	19	6	1.8	CS	36	914	1.37	1.5	Y	306508
206266	w/screen filter; no hose	3/4 npt(f)	NA	NA	NA	NA	NA	CS	36	914	1.437	1.5	Y	306938
207485	w/ball check/CS	3/4 npsm(f)	Nylon	3/4	19	6	1.8	CS	36	914	1.43	1.5	Y	
208259	CS	3/4 npsm(f)	Nylon	3/4	19	6	1.8	CS	36	914	1.43	1.5	Y	
222916	CS	2 npt(m)	Polyethylene	1.5	38	8	2.4	CS	36	914	1.5	1.9	N	308081
223009	w/screen filter/CS	3/4 npt(m)	Nylon	3/4	19	6	1.8	CS	36	914	1.48	1.5	Y	NA
224442	w/big rock catcher/CS	2.5 Q.D.	Polyvinylidene	2	51	8	2.4	CS	33.5	851	1.62	2	N	308125
224834	Husky 307 drum mount kit/Acetal	3/8 npt(m)	NA	NA	NA	NA	NA	Acetal	34.75	883	0.375	0.625	Y	406128
235500	Husky 307 wall mount/ Acetal	3/8 npt(m)	Nylon	3/8	9.5	6	1.8	Acetal	38	965	0.375	0.625	Y	406132
235502	Husky 307 wall mount	3/8 npt(m)	Polypropylene	3/8	9.5	6	1.8	Polypropylene	38	965	0.375	0.625	Y	406133
236054	CS	1 1/2 npt(m)	Nitrile	3/4	19	6	1.8	CS	37.5	953	1.63	1.875	Y	308335
236951	CS	1 npt(m)	Nylon	3/4	19	6	1.8	CS	36	914	1.43	1.5	Y	NA
241321	CS	1 npsm(f)	Nylon	3/4	19	6	1.8	CS	36	914	1.43	1.5	Y	NA
245250	w/strainer CS	1 1/4 npsm(f)	Nylon	1.25	32	7	2.1	Aluminum	30.5	775	1.25	1.66	N	309379
245084	244677 w/strainer	3/8 npsm(f)	LDPE	0.37	9.4	6	1.8	Aluminum	38	965	0.555	0.625	Y	NA
245085	244676 w/strainer	3/8 JIC(f)	LDPE	0.37	9.4	6	1.8	304 SST	38	965	0.555	0.625	Y	NA
244676	Triton/SST	3/8 JIC(f)	LDPE	0.37	9.4	6	1.8	304 SST	38	965	0.555	0.625	Y	NA
244677	Triton/CS	3/8 npsm(f)	LDPE	0.37	9.4	6	1.8	Aluminum	38	965	0.555	0.625	Y	NA
685599	SST	3/4 npt(f)	Nylon	3/4	19	6	1.8	304 SST	34	864	0.75	1.05	Y	NA
24A954	Merkur drum		Nylon	0.75	19	5	1.5	304 SST	42	1067	0.625	1/2 npsm	187146	
24A598	Merkur drum		Nylon	1	25.4	5	1.5	304 SST	41	1041	0.9	1 npsm	187190	

Hoses

Siphon Kits, Tubes, Filters and Intake Extensions (con't)

Siphon Tubes



206266

Part No.	Outlet Size in	Length		OD Size in	Use
		in	mm		
165767	3/4 npt(f)	18.0	450	7/8 in	Pail
206266	3/4 npt(f)	37.0	940	1-1/2 in	Drum
166630	1 npt(mbe)	30.0	762	1-5/16 in	Drum
170957	1 in dia.*	15.38	391	1-5/16 in	Pail
193257**	siphon tube from pail/cart packages				
246419	1 npt	37.0	940	1-1/2 in	Drum

* Non-threaded: 101818 hose clamp required.

** May supersede 207484/206268.

Intake Extensions

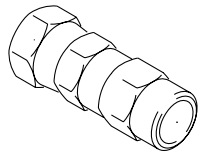
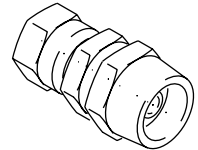
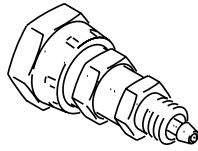
Part No.	Outlet Size in	Length		OD Size in
		in	mm	
168222	3/4 npt(f)	2.2	5.6	1-3/4 in
166047	2 npt(f)	7.0	177	2-1/4

Siphon Tube Filters

Part No.	Tube Size in	Mesh	Notes
210726	3/4 in	60	Includes support cage and one nylon filter bag.
238769 (25-pack)	1/2 in	60	12 Replacement Filter bags for filters 207241 and 210726.

Fittings

Swivel Couplings, Female Pipe Thread



Part No.	Bulk Hose ID in	Bulk Hose Number	Thread Size	Compression Stud Material	Sleeve Material	Piece
206020	1/8	061135	1/4 npsm(f)	Brass*	Sleeveless	2
205447	1/4	061132	1/4 npsm(f)	Brass*	Nylon	2
205448	1/4	061132	3/8 npsm(f)	Brass*	Nylon	2
111913	1/4	061132	1/4 npsm(f)	SST	Spring Guard	2
111914	1/4	061132	3/8 npsm(f)	SST	Spring Guard	2
104415	1/4	15E291, 061205	1/4 npsm(f)	Brass*	Brass	3
104084	1/4	15E291, 061205	3/8 npsm(f)	Brass*	Brass	3
16A989	1/4	15E291, 061205	1/4 npsm(f)	Brass*	Brass	2
16A990	1/4	15E291, 061205	3/8 npsm(f)	Brass*	Brass	2
15K920	5/16	15E292	1/4 npsm	Brass*	Brass	2
16A997	5/16	15E292	1/4 npt(m)	Brass*	Brass	2
205439	3/8	598004, 061134	3/8 npsm(f)	Brass*	Nylon	2
104414	3/8	061195	3/8 npsm(f)	Brass*	Brass	3
16A992	3/8	15E293, 061195	1/4 npsm(f)	Brass*	Brass	2
16A993	3/8	15E293, 061195	3/8 npsm(f)	Brass*	Brass	2
15A995	1/2	15E294, 061200	1/2 npsm	Brass*	Brass	2

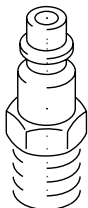
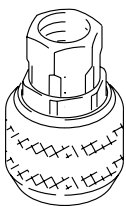
* Zinc- or nickel-plated

Swivel Couplings, Male Pipe Thread

Part No.	Bulk Hose ID in	Bulk Hose No.	Hose Size	Compression Stud Material	Sleeve Material
205437	1/4	061132	1/8 npt(m)	Brass*	Aluminum
205436	1/8	061135	1/8 npsm(f)	Brass*	Aluminum
104416	1/2	061200	1/2 npsm(f)	Steel*	Steel*

* Zinc- or nickel-plated

Quick Coupler, Nipples (Pins)

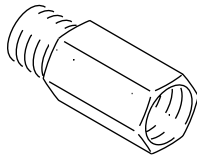


Part No.	Max. WPR			Item	Body Thread Size	Body Material
	psi	bar	MPa			
208536	300	21	2.1	Coupler	1/4 npt(f)	Steel*
169967	300	21	2.1	Pin	1/4 npt(f)	Steel*
169969	300	21	2.1	Pin	1/8 npt(m)	Steel*
169970	300	21	2.1	Pin	1/4 npt(m)	Steel*
169971	300	21	2.1	Pin	3/8 npt(m)	Steel*

* Zinc-plated

Fittings

Male to Female Adapters, Rigid

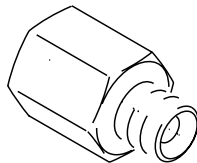


Part No.	Male Thread	Female Thread	Length		Material	Internal Seat
			in	cm		
150171	1/8 npt	1/8 npt	1	2.5	Steel*	None
162753	1/4 npt	1/4 npt	1-5/8	3.8	Brass*	30°
166044	3/4 npt	3/4 npt	3	7.6	SST	None

* Zinc-plated

** Gold enamel painted

Male to Female Increase Adapters, Rigid



Part No.	Max. WPR			Male Thread	Female Thread	Length		Material	Internal Seat
	psi	bar	MPa			in	cm		
150287	8000	552	55.2	1/4 npt	3/8 npt	1-5/8	4.1	Steel*	30°

Tube Fittings (Push Lock)

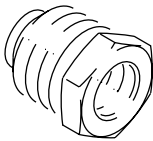
Part No.	Connection	Fitting Material	Tube OD	Thread
114485	Bulkhead Union	Brass, Nickle Plated	3/8"	3/8" nptf
113284	Bulkhead Union	Brass, Nickle Plated	5/32"	
114320	Female Connector	Brass, Nickle Plated	1/4"	1/8" nptf
114112	Male Connector	Brass, Nickle Plated	1/4"	1/4" nptf
114332	Male Connector	Brass, Nickle Plated	1/4"	10-32 UNF
111328	Male Connector	Brass, Nickle Plated	5/32"	10-32 UNF
114129	Male Connector	Brass, Nickle Plated	1/2"	3/8" nptf
114111	Male Connector	Brass, Nickle Plated	1/2"	1/2" nptf
114263	Male Connector	Brass, Nickle Plated	5/32"	1/8" nptf
109506	Swivel Male Elbow	Brass, Nickle Plated	1/4"	1/8" nptf
114469	Swivel Male Elbow	Brass, Nickle Plated	5/32"	1/4" nptf
112698	Swivel Male Elbow	Brass, Nickle Plated	1/4"	1/8" nptf
114109	Swivel Male Elbow	Brass, Nickle Plated	1/4"	1/4" nptf
114153	Swivel Male Elbow	Brass, Nickel Plated	1/4"	3/8" nptf
114316	Swivel Male Elbow	Brass, Nickel Plated	3/8"	3/8" nptf
114128	Swivel Male Elbow	Brass, Nickel Plated	1/2"	1/4" nptf
114114	Swivel Male Elbow	Brass, Nickel Plated	1/2"	3/8" nptf
114110	Swivel Male Elbow	Brass, Nickel Plated	1/2"	1/2" nptf
114151	Swivel Male Elbow	Brass, Nickel Plated	5/32"	1/8" nptf

Fittings

Nylon Tube Fittings (Push Lock)

Part No.	Coupling Description	Fitting Material	Diameter OD
104165	Tube to male hex socket - push to connect	Body: Brass: Outer sleeve brass or plastic	1/4
104172	Tube to male hex socket - push to connect	Body: Brass: Outer sleeve brass or plastic	1/4
598140	Male elbow - tube to male npt - push to connect	Body: Plastic: Base: Nickel plated brass	5/32
598327	Male elbow - tube to male npt - push to connect	Body: Plastic: Base: Nickel plated brass	5/32
597151	Male elbow - tube to male npt - push to connect	Body: Plastic: Base: Nickel plated brass	3/8
C19391	Male elbow - tube to male npt - push to connect	Body: Plastic: Base: Nickel plated brass	1/4
C19391	Male elbow - tube to male npt - push to connect	Body: Plastic: Base: Nickel plated brass	1/4
598728	Male elbow - tube to male npt - push to connect	Body: Plastic: Base: Nickel plated brass	1/2
598252	Male hex head and socket connector - tube to male npt	Nickel plated brass	5/32
598173	10/32 male connector - push to connect	Nickel plated brass	10/32
598447	Male hex head and socket connector - tube to male npt	Nickel plated brass	3/8
596832	Male branch tee - tube to male npt to tube	Plastic / brass with Buna-N o-rings	1/4
599246	Male branch tee - tube to male npt to tube	Body: Plastic: Base: Nickel plated brass	1/4
598141	Male branch tee - tube to male npt to tube	Body: Plastic: Base: Nickel plated brass	5/32
598251	Bulkhead union, tube to tube	Plastic	5/32
104176	Bulkhead union, 1/4 tube to 1/4 tube - push to connect	Plastic	
598449	Bulkhead union, 3/8 tube to 3/8 tube	Plastic nut with o-ring	3/8
599248	Male branch tee - tube to male npt to tube	Body: Plastic: Base: Nickel plated brass	1/2

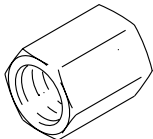
Adapter Bushings (Screw to Screw), Straight



Part No.	Max. WPR			Thread	Male Thread	Female Thread	Material
	psi	bar	MPa				
181085	5000	345	34.5	7/8-14 unf	1-1/16-16 unf	1	Steel*

* Nickel chrome-plated

Couplings (Pipe to Pipe), Rigid

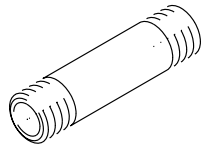


Part No.	Max. WPR			Pipe Thread	Length in	Across Flats in	Material
	psi	bar	MPa				
100451	—	—	—	1/8 npt	7/8	—	Steel*
100175	—	—	—	1/4 npt	13/16	—	Steel*
113093	—	—	—	1/4 npt	11/8	.69	Steel*
162024	—	—	—	3/8 npt	11/8	.88	Steel*
158581	4000	276	27.6	1/2 npt	11/4	1.00	Steel*
100385	150	10.4	1.04	3/4 npt	13/8	—	Steel*
100474	150	10.4	1.04	1 npt	2	—	Iron*

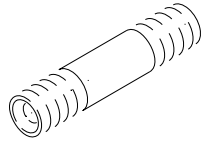
* Nickel chrome-plated

Fittings

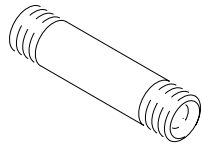
Regular Nipples (Pipe to Pipe), Rigid



100628



100124

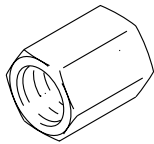


100992

Part No.	Max. WPR			Pipe Thread	Length in	Material
	psi	bar	MPa			
100628	2140	147	14.7	1/4 npt	2 1/8	Steel*
100124	150	10.4	1.04	1/4 npt	2 1/2	Steel*
100200	—	—	—	1/4 npt	6	Steel*
100992	—	—	—	3/8 npt	2 1/2	Steel*
100195	—	—	—	3/8 npt	4	Steel*
100122	150	10.4	1.04	1/2 npt	1 1/8	Steel*
101353	1280	86	8.6	1/2 npt	4	Steel*
100627	—	—	—	3/4 npt	2	Steel*
101407	—	—	—	3/4 npt	3	Steel*
100485	—	—	—	1 npt	2	Steel*

* Nickel chrome-plated

Hex Nipple (Pipe to Pipe), Rigid

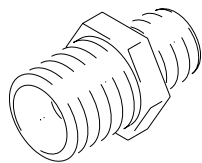


Part No.	Max. WPR			Thread P1	Thread P2	Length		Material	Sealing Angle
	psi	bar	MPa			in	cm		
103656	—	—	—	1/8 npt	1/8 npt	29/32	2.5	Brass	None
162453	7500	517	51.7	1/4 npt**	1/4 npsm	13/16	3.1	Steel	30°
156971	7500	517	51.7	1/4 npt**	1/4 npt	13/8	3.3	Steel	30°
162485	5000	345	34.5	3/8 npt**	3/8 npsm	15/16	3.2	Steel	30°
156849	6000	420	42.0	3/8 npt**	3/8 npt	1 1/2	3.8	Steel*	30°
158491	7400	510	51.0	1/2 npt**	1/2 npt	15/8	4.1	Steel	30°
175013	5000	345	34.5	3/4 npt*	3/4 npt**	2 1/2	6.3	Steel**	30°

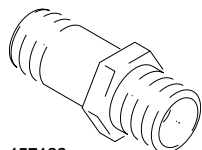
* Nickel-plated

** Zinc-plated

Hex Reducing Nipples (Pipe to Pipe), Rigid



157350

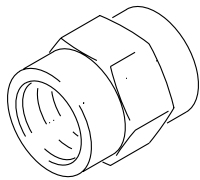


157129

Part No.	Max. WPR			Thread P1	Thread P2	Length		Material	Sealing Angle
	psi	bar	MPa			in	cm		
151519	7500	517	51.7	1/4 npt	1/8 npt	1-5/16	3.2	Steel*	30°
157350	—	—	—	3/8 npt	1/4 npt	1-5/16	3.2	Steel*	30°
164672	6000	420	42.0	3/8 npt	1/4 npsm	1-5/16	3.2	Steel*	30°
164856	8000	552	55.2	3/8 npt	1/4 npt	1-11/16	xx	Steel*	30°
165198	10000	690	69.0	3/8 npt	1/4 npt	1-3/4	4.5	Steel*	30°
162449	7400	510	51.0	1/2 npt	1/4 npt	1-5/8	4.1	Steel*	30°
159239	7400	510	51.0	1/2 npt	3/8 npt	1-5/8	4.1	Steel*	30°
158979	5500	374	37.4	1/2 npt	3/8 npt	2-3/4	7.0	Steel*	30°
161800	4000	276	27.6	3/4 npt	3/8 npsm	1-3/4	4.5	Steel*	30°
166606	7000	483	48.3	3/4 npt	3/8 npt	4-9/16	11	Steel*	30°
157191	6000	420	42.0	3/4 npt	1/2 npt	1-7/8	4.6	Steel*	30°
158555	3000	207	20.7	1 npt	3/4 npt	2-3/16	5.6	Steel*	30°
166846	6000	414	41.4	1/4 npt	1/4 npsm	1-3/16	3.1	SST	30°
157129	5000	345	34.5	3/4 npt	3/4 npt	3-1/4	8.2	Steel*	30°

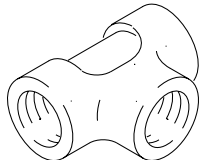
* Zinc-plated

Fittings



Hex Reducing Couplings (Pipe to Pipe), Rigid

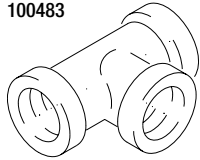
Part No.	Max. WPR			Thread P1	Thread P2	Length		Material	Sealing Angle
	psi	bar	MPa			in	cm		
161490	3000	207	20.7	3/4 npt	3/8 npt	1-1/2	3.8	Steel*	



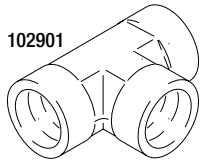
Pipe Tees (Female), Rigid

Part No.	Max. WPR			Port Thread	Material
	psi	bar	MPa		
104984	5000	345	34.5	1/4 npt(f)	Steel*
101846	2000	138	13.8	1/2 npt(f)	Malleable Iron
100483	3000	207	20.7	3/8 npt(f)	Forged Steel*
102901	4500	310	31.0	3/8 npt(f)	SST
103475	3000	207	20.7	1/2 npt(f)	Steel

100483



102901



103475

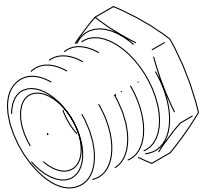
* Zinc-plated

Pipe Tees (Female Run-Male Branch), Rigid

Part No.	Max. WPR			Branch Threads	Thread	Material
	psi	bar	MPa			
164815	6000	420	42.0	1/8 npt(f)	1/8 npt(f)	Steel*

* Zinc-plated

Pipe Reducer Bushings, Rigid



Part No.	Max. WPR			Male Thread	Female Thread	Material
	psi	bar	MPa			
100505	—	—	—	3/4 npt	3/8 npt	Steel*
101742	—	—	—	1 npt	3/8 npt	Iron*
101496	3000	207	20.7	1 1/2 npt	3/4 npt	Steel*
102000	—	—	—	1 1/2 npt	1 npt	Iron
102283	—	—	—	2 npt	1 npt	Brass
100081	6000	414	41.4	1/2 npt	3/8 npt	Steel*
100896	5000	345	34.5	3/4 npt	1/2 npt	Steel*
158586	6000	414	41.4	1 npt	3/4 npt	Steel*
158212	4000	276	27.6	1/2 npt	3/8 npt	Steel*

* Zinc-plated

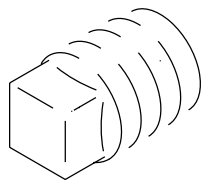
Fittings



Slotted Headless Pipe Plug

Part No.	Max. WPR			Pipe Thread	Material
	psi	bar	MPa		
103219	—	—	—	1/8 npt(m)	Brass*

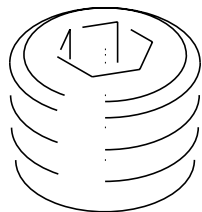
* Zinc-plated



Square Head Pipe Plugs

Part No.	Max. WPR			Pipe Thread	Material
	psi	bar	MPa		
100509	6000	414	41.4	1/4 npt(m)	Iron
100040	—	—	—	3/8 npt(m)	Steel
111697	—	—	—	1/4 npt(m)	SST
102042	—	—	—	2 npt(m)	Iron*

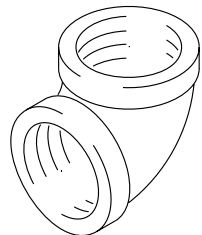
* Zinc-plated



Socket Headless Pipe Plugs

Part No.	Max. WPR			Pipe Thread	Material
	psi	bar	MPa		
101754	—	—	—	3/8 npt(m) SAE Short	Steel*

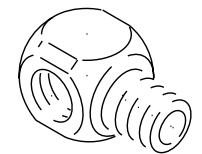
* Zinc-plated



90° Pipe Elbows (Female)

Part No.	Max. WPR			Pipe Thread	Material
	psi	bar	MPa		
100349	—	—	—	3/4 npt(f)	Iron*
102325	—	—	—	3/4 npt(f)	SST

* Not a conventional elbow. Steel block with ports at 90°



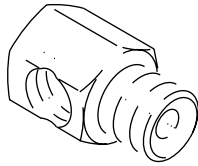
90° Street Pipe Elbows, Rigid

Part No.	Max. WPR			Female Thread	Male Thread	Length		Material
	psi	bar	MPa			in	cm	
100840	7500	517	51.7	1/4 npt	1/4 npt	1-11/32	3.4	Steel*
100286	—	—	—	3/8 npt	3/8 npt	1-5/8	4.1	Iron**
155699	—	—	—	3/8 npt	3/8 npt	1-3/16	3.1	Steel**
100549	150	10.4	1.04	3/4 npt	3/4 npt	2-5/8	6.6	Iron*
100467	150	10.4	1.04	1 npt	1 npt	3	7.6	Iron**
100088	150	10.4	1.04	2 npt	2 npt	4-3/4	12	Iron**
160701	6000	420	42.0	1/8 npt	1/8 npt	2	5.1	Steel**
158683	7400	510	51.0	1/2 npt	1/2 npt	2-1/16	5.2	Steel**
166242	4500	310	31.0	1/2 npt	1/2 npt	2-3/32	5.3	SST

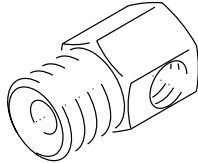
*Zinc-plated **Chrome-plated

Fittings

90° Reducing Street Pipe Elbows, Rigid



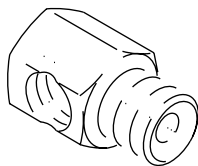
Part No.	Max. WPR			Female Thread	Male Thread	Length		Material	Internal Seat
	psi	bar	MPa			in	cm		
164259	6000	420	42.0	1/4 npt	3/8 npt	1-3/8	3.3	Steel*	30°



166999	6000	420	42.0	1/4 npt	1/2 npt	1-5/8	4.1	Steel*	30°
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* Zinc-plated

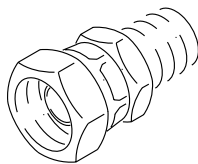
Pipe Unions with Swivel Nut



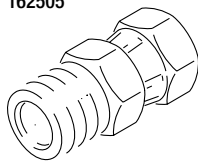
Part No.	Max. WPR			Thread P1	Swivel Nut P2	Material
	psi	bar	MPa			
155570	10000	690	69.0	1/4 npt(f)	1/4 npsm(f)	Steel*
159153	7500	517	51.7	3/8 npt(f)	1/4 npsm(f)	Steel*
156173	7400	510	51.0	3/8 npt(f)	3/8 npsm(f)	Steel*
207152	7000	483	48.3	3/8 npt(f)	3/8 npsm(f)	SST
161077	3500	240	24.0	1/2 npt(f)	3/8 npsm(f)	Steel*
155865	4500	310	31.0	1/2 npt(f)	1/2 npsm(f)	Steel*
156172	5000	345	34.5	3/4 npt(f)	3/4 npsm(f)	Steel*
202966	4000	420	42.0	3/4 npt(f)	1 npsm(f)	Steel*
158383	2000	138	13.8	1 npt(f)	1 npsm(f)	Steel*

* Zinc-plated

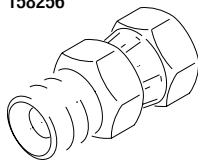
Male to Female Adapter Unions, Straight Swivel



162505



158256



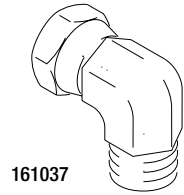
157785

Part No.	Max. WPR			Thread P1	Swivel Nut P2	Material
	psi	bar	MPa			
156823	10,000	690	69.0	1/4 npt(m)	1/4 npsm(f)	Steel*
157705	7500	517	51.7	1/4 npt(m)	3/8 npsm(f)	Steel*
155665	7500	517	51.7	3/8 npt(m)	3/8 npsm(f)	Steel*
160022	2000	138	13.8	1 npt(m)	1 npsm(f)	Steel*
103977	300	20.7	2.07	1 npt(m)	1 npsm(f)	Passivated SST
236987	7400	510	51.0	1/4 npt(m)	1/4 npsm(f)	Steel*
208434	10,000	690	69.0	1/8 npt(m)	1/4 npsm(f)	Steel*
162505	7500	517	51.7	3/8 npt(m)	1/2 npsm(f)	Steel*
158256	7500	517	51.7	1/2 npt(m)	3/8 npsm(f)	Steel*
157785	3500	240	24.0	3/4 npt(m)	3/4 npsm(f)	Steel*
202965	4500	310	31.0	1 npt(m)	3/4 npsm(f)	Steel*

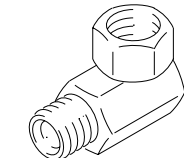
* Zinc-plated

Fittings

Male to Female Adapter Unions, 90° Swivel



161037

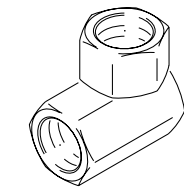


155494

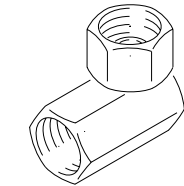
Part No.	Max. WPR			Thread P1	Swivel Nut P2	Material
	psi	bar	MPa			
161037	3500	240	24.0	1/2 npt(m)	3/8 npsm(f)	Steel*
160327	2250	203	20.3	3/4 npt(m)	3/4 npsm(f)	Steel*
155541	5850	403	40.3	1/4 npt(m)	1/4 npsm(f)	Steel*
155495	7000	483	48.3	3/8 npt(m)	1/4 npsm(f)	Steel*
155494	5000	345	34.5	3/8 npt(m)	3/8 npsm(f)	Steel*
155470	3500	240	24.0	1/2 npt(m)	1/2 npsm(f)	Steel*

* Zinc-plated

Female Adapter Unions, 90° Swivel



155677

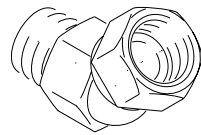


157416

Part No.	Max. WPR			Thread P1	Swivel Nut P2	Material
	psi	bar	MPa			
155677	4000	276	27.6	3/8 npt	3/8 npsm	Steel*
156589	2250	155	15.5	3/4 npt	3/4 npsm	Steel*
157676	5000	345	34.5	1/4 npt	1/4 npsm	Steel*
162803	5000	345	34.5	1/4 npt	3/8 npsm	Steel*
159801	3500	240	24.0	3/8 npt	1/2 npsm	Steel*
157416	3500	240	24.0	1/2 npt	1/2 npsm	Steel*
102806	2000	138	13.8	1 npt(m)	1 npsm(f)	Steel*

* Zinc-plated

Male to Female Adapter Unions, 45° Swivel



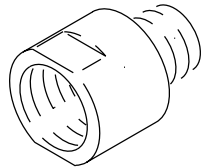
Part No.	Max. WPR			Thread P1	Swivel Nut P2	Material
	psi	bar	MPa			
105281	5000	345	35.2	3/4 npt(m)	3/4 npsm(f)	Steel*
161889	4000	276	27.6	3/8 npt(m)	3/8 npsm(f)	Steel*

* Zinc-plated

Fittings

Non-Rated Fittings

Note: Fittings on pages 114 through 116, inclusive, are not pressure rated.

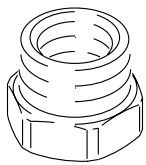


156022

Male to Female Increase Adapters, Rigid

Part No.	Male Thread	Female Thread	Length		Material	Internal Seat
			in	mm		
156580	1/8 npt	3/8 npt	1-5/16	3.2	Steel	—
159842	1/4 npt	1/2 npt	1-1/2	3.8	Steel*	30°
156022	3/8 npt	1/2 npt	1-1/2	3.8	Steel*	30°
104969	1/2 npt	3/4 npt	1-7/8	4.6	Steel*	30°
168595	1/2 npt	3/4 npt	2-7/16	6.2	Steel*	—

*Zinc-plated



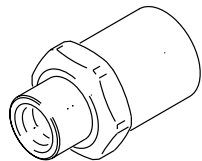
Adapter Bushings (Screw to Screw), Straight

Part No.	Thread	Male Thread	Female Thread	Material
166036	1-1/8-18 unf	5/8-11 unc	1	SS

Adapter Bushings (Screw to Pipe), Rigid

Part No.	Male Thread	Female Thread	Length		Material
			in	mm	
160059	3/8-24 unf	1/8 npt	2-7/16	6.2	Steel*
105276	3/4-16 unf	1/4 npt	1-1/16	2.7	Steel* w/ Viton O-Ring
158409	3/4-20 unef	3/8 npt	3-7/32	8.4	Steel*

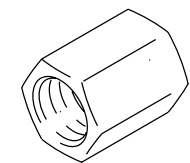
*Zinc-plated



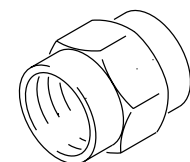
Hex Adapter Coupling (Pipe to Screw), Rigid

Part No.	Pipe Thread	Straight Thread	Length		Material
			in	mm	
168688	1/2 npt(f)	1/2-27 uins(f)	1 3/4	4.5	Steel*

*Zinc-plated



100083



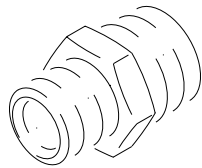
158556

Hex Reducer Couplings (Pipe to Pipe), Rigid

Part No.	Thread P1	Thread P2	Length		Material
			in	mm	
150278	1/4 npt	1/8 npt	1-1/16	2.7	Steel*
100083	3/8 npt	1/4 npt	1-1/8	2.9	Steel*
158556	3/4 npt	1/2 npt	1-1/2	3.8	Steel*

*Zinc-plated

Fittings



Hex Reducing Nipples (Pipe to Pipe), Rigid

Part No.	Thread P1	Thread P2	Length		Material	Internal Seat
			in	mm		
191872	1/4 npsm	1/8 npt	31/32	2.5	Steel*	30°
156296	3/8 npt	1/8 npt	2	5.1	Steel*	30°
157350	3/8 npt	1/4 npt	1-5/32	2.9	Brass	30°
166863	3/8 npt	1/4 npt	1-5/16	3.2	SST	30°
166443	3/4 npt	1/2 npt	1-3/4	4.5	SST	30°
171439	1 npt	3/4 npt	2-3/16	5.6	SST	30°

*Zinc-plated

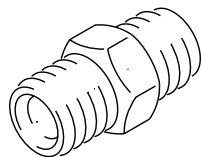
Hex Adapter Nipples (Pipe to Screw), Rigid

Part No.	Thread P1	Thread P2	Length		Material	Sealing Angle
			in	mm		
167395	1/4 npsm	3/8-24 unf	13/16	1.9	Steel**	30°
171234	1/4 npsm	3/8-24 unf	13/16	1.9	SST	30°
172682	3/8 npsm	1/2-27 uns	23/32	1.9	SST	30°
160222	3/8 npsm	9/16-18 unf	1-1/2	3.8	Brass***	30°
171279	1 npt	1-12 unf	2-1/8	5.4	SST	—

*Nickel chrome-plated

**Zinc-plated

***Nickel-plated



Hex Nipple (Pipe to Pipe), Rigid

Part No.	Thread P1	Thread P2	Length		Material	Sealing Angle
			in	mm		
167702	3/8 npt*	3/8 npt	13/16	3.1	Brass*	30°
166469	3/8 npt	3/8 npt	11/2	3.8	SST	30°
166244	1/2 npt	1/2 npt	15/8	4.1	SST	30°

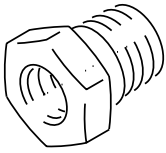
*Zinc-plated

Pipe Tee (Female Run-Male Branch), Rigid

Part No.	Run Threads	Branch Thread	Material
164814	1/4 npt(f)	3/8 npt(m)	Steel*

*Zinc-plated

Fittings



100030



100730



100176

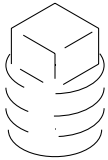


168160

Pipe Reducer Bushings, Rigid

Part No.	Male Thread	Female Thread	Material	Internal Seat
100030	1/4 npt	1/8 npt	Steel*	30°
100730	3/8 npt	1/8 npt	Steel	—
100176	3/8 npt	1/4 npt	Steel	30°
159841	3/8 npt	1/4 npt	Steel*	30°
168160	3/8 npt	1/4 npt	SST	30°
100329	1/2 npt	1/8 npt	Iron*	—
100206	1/2 npt	1/4 npt	Steel	—
102022	1/2 npt	1/4 npt	SST	—
100081	1/2 npt	3/8 npt	Steel*	—
100615	3/4 npt	1/4 npt	Steel*	—
100896	3/4 npt	1/2 npt	Steel*	—
100380	1 npt	1/2 npt	Steel*	—
158586	1 npt	3/4 npt	Steel*	30°
112839	2 npt	1 npt	Iron*	—

* Zinc-plated

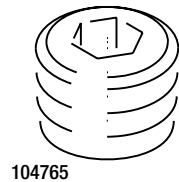


Square Head Pipe Plugs

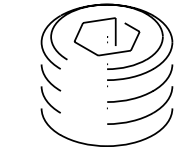
Part No.	Pipe Thread	Material
100403	1/8 npt(m)	Iron*
104813	3/8 npt(m)	Steel*
100737	1/2 npt(m)	Steel
103943	3/4 npt(m)	SST
104663	3/4 npt(m)	Steel*
100345	1 npt(m)	Iron
100346	1 1/2 npt(m)	Iron

* Zinc-plated

Fittings



104765



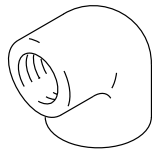
100361

Socket Headless Pipe Plugs

Part No.	Pipe Thread	Material
103147	1/16 npt(m)	Steel
104765	1/8 npt(m)	Steel**
100721	1/4 npt(m) SAE Short	Steel*
101970	1/4 npt(m) SAE Short	SST
100361	1/2 npt(m) SAE Short	Steel*
103778	1/2 npt(m) SAE Short	SST
102726	3/4 npt(m)	Steel*

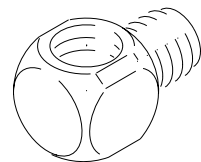
*Zinc-plated

**PTFE coated



90° Adapter Elbow (with O-Ring Groove)

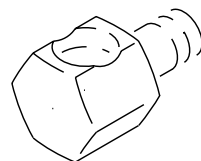
Part No.	Pipe Thread	Straight Universal Thread	Material
156591	3/4 npt(f)	1-1/2 -24 uns(f)	Aluminum



90° Street Pipe Elbows, Rigid

Part No.	Female Thread	Male Thread	Length		Material	Internal Seat
			in	mm		
100839	1/8 npt	1/8 npt	1-1/8	2.9	Steel	None
103893	1/4 npt	1/4 npt	1-3/16	3.1	Brass	None
166866	1/4 npt	1/4 npt	1-11/32	3.4	SST	30°
100119	1/2 npt	1/2 npt	2-1/4	5.7	Iron*	None
158683	1/2 npt	1/2 npt	2-1/16	5.2	Steel*	None
166590	3/4 npt	3/4 npt	2-1/2	6.3	Steel*	None
176393	3/4 npt	3/4 npt	4-5/8	11.8	Steel*	30°
100088	2 npt	2 npt	—	—	Iron*	None

*Zinc-plated

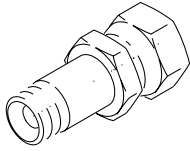


90° Reducing Street Pipe Elbows, Rigid

Part No.	Female Thread	Male Thread	Length		Material	Internal Seat
			in	mm		
158962	1/4 npt	1/8 npt	1 1/2	3.8	Steel*	—
166444	3/8 npt	1 npt	2	5.1	Brass*	—
100611	3/4 npt	1/2 npt	2 5/8	6.7	Iron*	—

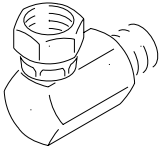
*Zinc-plated

Fittings



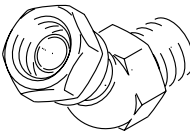
Male to Female Adapter Unions, Straight Swivel

Part No.	Thread P1	Swivel Nut P2	Material
235207	3/8 npt(m)	3/8 npsm(f)	SST



Male to Female Adapter Unions, 90° Swivel

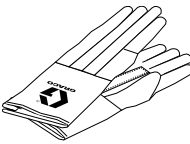
Part No.	Thread P1	Swivel Nut P2	Material
207123	3/8 npt(m)	3/8 npsm(f)	SST
207648	3/4 npt(m)	3/4 npsm(f)	Steel*



Male to Female Adapter Unions, 45° Swivel

Part No.	Thread P1	Swivel Nut P2	Material
209029	3/8 npt(m)	3/8 npsm(f)	SST

* Zinc-plated



Conductive Gloves for Electrostatic Guns

Universal gloves - both left and right handed

Part No.	Description
117823	Small (box of 12 pair)
117824	Medium (box of 12 pair)
117825	Large (box of 12 pair)



Gun Cleaning Kits

Part No.	Description
15C162	HVLP (High Volume Low Pressure) Cleaning Kit
15C161	Ultimate Gun Cleaning Kit

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