

# Protective Coatings Equipment Selection Guide



# Selecting The Right Equipment

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Your  
Solutions**

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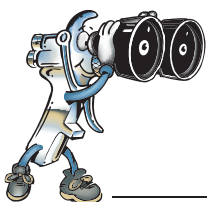
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## Ask Us About



**Seeing Is  
Believing**

**ONSITE DEMO/TRIAL PROGRAM**

## It's Critical to Use the Right Equipment for Each Application



Using the right equipment for each step of any spray finishing process is typically the difference between hitting quality, productivity and

profitability targets – and not hitting them. Additionally, the ever increasing diversity of finishes dictates careful selection and proper use of equipment.

With nearly 220 years of collective leadership in the spray finishing industry, Binks and DeVilbiss continue to set the equipment standards other brands strive to achieve. Regardless of project type, new and varied coating materials, or other special requirements, Binks and DeVilbiss are dedicated to supporting you with a team of experts – Finishing Specialists, Equipment Design Engineers, Technicians, Trainers and Customer Service Professionals.



We're here to help you improve every aspect of your spray finishing operation – Higher Quality, Increased Productivity, New Cost-Efficiencies, Reduced Downtime, Environmental Compliances...and Improved Bottom-Line Results.

# Spray Application Processes

## Atomization Technology Options

Conventional, HVLP, LVMP (Trans-Tech), Air Assist Airless and Airless are all types of Atomization technology, each has slightly different operating parameters.

### Conventional Air Atomizing

The most established method of air atomizing, used on spray guns for decades. It uses high velocity air jets to produce a very high atomization power. However; this speed results in low transfer efficiency due to considerable “bounce-back” and overspray. Air pressure exiting the air cap during use is typically 30 to 60 psi (2 to 4 bar) with typical air consumption of 6 to 25 cfm (170 to 700 l/min).

### High Volume Low Pressure (HVLP)

Although not new, this method first became important in the early 1990s when environmental legislation started to be introduced. It uses larger air volumes (11 to 30 cfm or 300 to 840 l/min) at low pressure to atomize the coating. HVLP has a much higher transfer efficiency than conventional air atomizing due to the lower air pressures. The droplet sizes produced tend to be slightly larger, sometimes resulting in a lower quality finish. Officially HVLP is limited by Government Environmental Legislation to a maximum of 10 psi (0.7 bar) atomizing pressure measured at the air cap.



### Trans-Tech (LVMP)

This equipment type was first seen in the mid 1990s and is a mixture of Conventional and HVLP atomization methods. Trans-Tech makes more energy available for the atomization process but gives a higher transfer efficiency of coating material than the Conventional air atomizing method. To qualify as Trans-Tech the air cap must be able to transfer at least 65% of the sprayed material to the sprayed component (BSEN 13966 Determination of Transfer Efficiency of atomizing and spraying equipment for liquid coating materials). Air cap pressure is typically in the region of 20 to 45 psi (1.3 psi to 3 bar) while using 9 to 20 cfm (250 to 560 l/min) to carry out its work.



### Air Assist Airless

To maximize efficiency, the best features of air spray and airless atomization are combined. This process is called Air Assist Airless. The pattern is formed by the spray tip and air is used to eliminate tails and adjust the shape. Air Assist Airless provides fast application of materials, a soft spray that reduces fog, and the ability to penetrate into recesses and cavities. This is especially important in the wood industry where intricate shapes require a fine finish.



### Airless

Fluid is atomized by high pressure usually 500 to 4500 PSI and pushed through an orifice in the spray nozzle. The shape of the fluid orifice determines the fan pattern. The particle size is larger than other spray methods so it is not generally used for fine finishes.

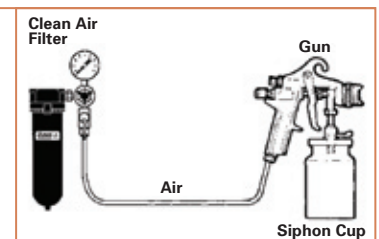
*Advantages:* Airless spray has a high transfer efficiency, allows for high speed production, and provides less overspray.

## Fluid Delivery Options

### Siphon-Feed

Siphon-feed hookups (external atomization) use vacuum created at the nozzle to draw fluid from a cup.

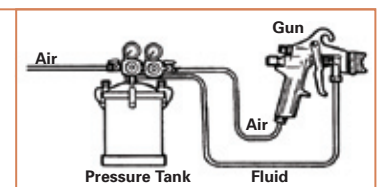
*Advantages:* This fluid cup system offers quick material / color changes.



### Pressure-Feed

This option uses an external pressure source (pressure tank, piston pump, or diaphragm pump) to force air and fluid to the spray gun nozzle. Air and fluid are then mixed outside the nozzle (external mix air caps).

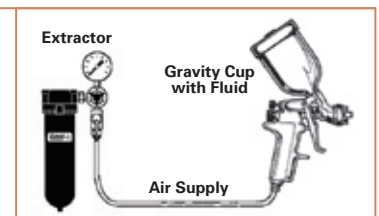
*Advantages:* This method delivers higher volumes of fluids than other gun set ups, and will spray a wider range of materials. It also enables independent control of fluid pressures.



### Gravity-Feed

On Gravity-feed guns the cup is located above the gun. The force of gravity pushes the fluid into the gun.

*Advantages:* This method offers quick color changes and convenience on small jobs or touch-up applications. Gravity guns are able to use all of the coating – reducing waste.



# Fluid Delivery & Handling

## Primer/Top-Coat & Specialty Applications

Airless



### **BINKS**

## BX™ SERIES PISTON PUMPS

available in 36:1 ratio, 3240 psi (223 bar)  
& 57:1 ratio, 5130 psi (354 bar)

Part # - Ask Your Binks Representative  
for Assistance

**NEW**

NOW AVAILABLE WITH  
**Binks PitBull  
Airless Spray Gun**

*Revolutionary design:*  
**NO** needle and spring assembly;  
replaced by a single piece spray  
valve. Tungsten carbide wear  
parts. Both 2- and 4-finger  
versions in 7500 or 3500 psi.

*Hard working and perfect for airless  
application of protective coatings such  
as epoxies and urethanes, available as  
complete pump and spray outfits in your  
choice of configurations.*

- Spring-loaded detent design on air motor gives stall-free operation
- Stepped rod design gives long life and reduced maintenance cost
- Stainless steel fluid section is compatible with waterborne or solvent based materials
- Flange joined pump fluid section requires no special tools and is easy to service
- Reversible ball seats decrease maintenance costs
- Available as complete pump and spray outfits



### **BINKS**

## VINYL ESTER OUTFIT

37:1 ratio, 2960 psi (204 bar)  
Part # 105-1401

*Complete pumping system in a cart  
mount setup, with Binks Century HVLP  
vinyl ester spray gun, and air, catalyst,  
material hose assemblies plus a 55-gal.  
siphon hose assembly.*

- External Mix Binks Century HVLP vinyl ester spray gun eliminates flushing
- HVLP complies with many environmental regulations & delivers excellent transfer efficiency
- Dual acting trigger lock
- Catalyst & Resin pump are coupled, which assures accurate volumetric ratio
- Catalyst pump meters catalyst from ratios of 0.5% to 3.5%
- Catalyst Pump ratio bar has etched markings that do not dissolve with solvent exposure
- B8-D 37:1 - 2960 psi pump is capable of supplying 3.4 GPM (12.9 l/m) at 60 cycles/min. of resin

# Fluid Delivery & Handling

## Primer/Top-Coat Applications: Single & Plural Component Coatings

### High Pressure Options

#### Airless Pumps & Outfits



Binks  
Comet 4B Airless 30:1 Ratio  
5-gal. Cart-Mount Pump

**Pump Part # 41-4335**  
(not shown) Less Gun, Hoses or Tip

**Outfit Part # 98-972**  
Includes Cart-Mounted Pump, Air Regulator,  
Fluid Outlet Filter, PitBull Spray Gun,  
25-ft. Hose & Spray Tip (shown)



Binks  
Comet 4B Airless 30:1 Ratio  
5-gal. Pail-Mount Pump

**Pump Part # 41-4336**  
(not shown) Less Gun, Hoses or Tip

**Outfit Part # 98-973**  
Includes 5-gal. Cover, Dual Air Regulator Kit,  
Fluid Outlet Filter, PitBull Spray Gun,  
25-ft. Hose & Spray Tip (shown)



Binks  
BX Piston 5-gal.  
Cart-Mount Pump

36:1 Ratio:  
**Pump Part # BX-36-36-CCS-000**  
(not shown) Less Gun Hoses & Tip  
**Outfit Part # BX-36-36-CCS-150**  
Includes Gun & 50-ft. Hose  
(shown)

57:1 Ratio:  
**Pump Part # BX-36-57-CCS-000**  
(not shown)  
**Outfit Part # BX-36-57-CCS-350**  
Includes Gun & 50-ft. Hose  
(not shown)

#### QUICK REFERENCE FOR BX PUMP OUTFITS: TOP END ASSEMBLIES

Ratio & Flow	Item	Outfit Includes
36.1 Ratio; 3.6 GPM at 60 cycles/min	BX-36-36-CCS-150	Cart-Mount, 5-gal. Siphon, Pump Assy., Pump Air Regulator, Fluid Outlet Filter, 50-ft. Hose, PitBull Spray Gun, Tip & Whip Hose
	BX-36-36-WCT-250	Wall-Mount, 55-gal. Siphon, Pump Assy., Pump Air Regulator, Fluid Outlet Filter, 50-ft. Hose, PitBull Spray Gun, Tip & Whip Hose
57.1 Ratio; 3.6 GPM at 60 cycles/min	BX-36-57-CCS-350	Cart-Mount, 5-gal. Siphon, Pump Assy., Pump Air Regulator, Fluid Outlet Filter, 50-ft. Hose, PitBull Spray Gun, Tip & Whip Hose
	BX-36-57-WCT-450	Wall-Mount, 55-gal. Siphon, Pump Assy., Pump Air Regulator, Fluid Outlet Filter, 50-ft. Hose, PitBull Spray Gun, Tip & Whip Hose

#### Air Assist Airless Pumps & Outfits



**Green Works** Binks  
Comet 3B 18:1 Ratio  
Cart-Mount Pump

**Pump Part # 41-15921**  
(not shown) Less Air &  
Fluid Hose, Gun or Tip

**Outfit Part # 98-3050**  
Includes AA-1500 Gun,  
25-ft Air & Fluid Hose,  
Siphon Set, Dual Air  
Regulator Set, Cart-  
Mounted Pump Assy.,  
Fluid Outlet Filter & a  
114-01310 Spray Tip  
(shown)



**Green Works** Binks  
MX 32:1 Ratio 5-gal.  
Cart-Mount Pump

**Pump Part # MX4-32-1UCSS00**  
(not shown) Less Hose,  
Gun or Tip

**Outfit Part # MX432-GDC1S25**  
Includes AA-4000 Gun Assy.  
w/ AA10HP Air Cap, MX4-32  
Pump Assy., 25-ft. Air & Fluid  
Hoses, Cart Assy., Dual Air  
Regulator Kit, Fluid Outlet  
Filter, 5-gal. SS Siphon Set  
w/ Inlet Filter, 3-ft. Whip  
Hose & 114-01310 Spray Tip  
(shown)



Binks  
BX Piston 36:1 Ratio  
5-gal. Cart-Mount Pump  
(Order Gun &  
Hoses Separately: See pages  
6 & 10 for Guns, Tips & Hoses)  
**Part # BX-36-36-CCS-000**  
(shown)

# Spray Guns

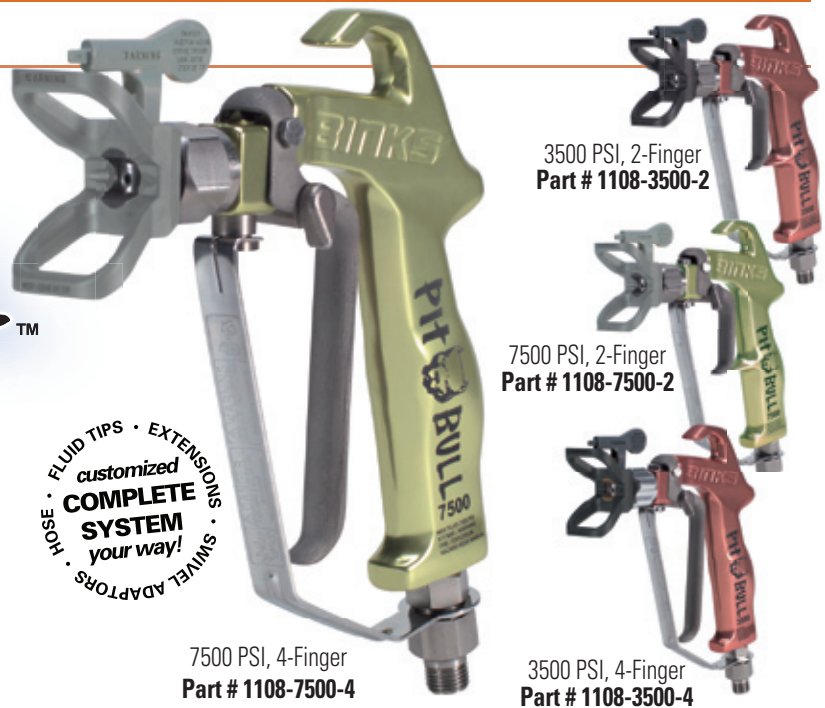
Airless



**AIRLESS SPRAY GUNS**  
ONCE YOU GRAB ON,  
YOU'LL NEVER LET GO!

Choose the gun that is right for you:  
2-finger or 4-finger trigger available on  
both 3500 and 7500 psi models

- Four finger models offer lower trigger pull and better leverage
- Two finger models provide more control
- 3500 psi packages include: Spray Gun, Tip Guard, (2) 60 mesh Fluid Filters and a 9-517-35 Spray Tip
- 7500 psi packages include: Spray Gun, Tip Guard, and (2) 60 mesh Fluid Filters, (order tip separately - see chart below)
- Innovative, patent pending valve design eliminates needle and springs
- Tungsten carbide wear parts for long life
- Lower trigger pull and 3-D ergonomic handle reduce fatigue
- Large, long-life filter fills from the inside so it won't collapse



HOSE • FLUID TIPS • EXTENSIONS • SWIVEL ADAPTORS  
customized COMPLETE SYSTEM your way!

- AIRLESS SPRAY GUN
- REVOLUTIONARY DESIGN:  
NO NEEDLE • NO SPRING  
*(replaced by a single piece spray valve)*
- TUNGSTEN CARBIDE WEAR PARTS
- ERGONOMIC 3-D HANDLE

## A Full Complement of Tips and Accessories Complete the PitBull Airless Program

Binks offers a full line of PitBull swivel adaptors, tip extensions, hose, and fluid tips. Twist tips are available for both the 3500 psi and 7500 psi Airless Spray Guns. Flat tips are available for 3500 psi Airless Spray Guns.

Tips and tip guards are color-coded for easy identification. Parts rated for 3500 psi are black in color. Parts rated for 7500 psi are gray in color. See Sales Bulletin 77-5621 for complete PitBull accessories and tips.

3500 PSI TWIST TIP SELECTION CHART				
To order 3500 psi PitBull Twist Tips, insert the numbers from the chart below into this part number: 9 - _____ - 35				
Twist Tips (3500 psi)	6" spray pattern	8" spray pattern	10" spray pattern	12" spray pattern
.007" orifice	307			
.009" orifice	309			
.011" orifice	311	411		
.013" orifice	313	413	513	
.015" orifice	315	415	515	615
.017" orifice		417	517	617
.019" orifice		419	519	619
.021" orifice			521	621
.023" orifice				623

3500 PSI FLAT TIP SELECTION CHART				
To order 3500 psi PitBull Flat Tips, insert the numbers from the chart below into this part number: 9 - _____ F - 35				
Flat Tips (3500 psi)	6" spray pattern	8" spray pattern	10" spray pattern	12" spray pattern
.007" orifice	307			
.009" orifice	309			
.011" orifice	311	411		
.013" orifice	313	413	513	
.015" orifice	315	415	515	615
.017" orifice		417	517	617
.019" orifice		419	519	619
.021" orifice			521	621
.023" orifice				623

7500 PSI TWIST TIP SELECTION CHART				
To order 7500 psi PitBull Twist Tips, insert the numbers from the chart below into this part number: 9 - _____ - 75				
Twist Tips (7500 psi)	6" spray pattern	8" spray pattern	10" spray pattern	12" spray pattern
.007" orifice	307			
.009" orifice	309			
.011" orifice	311	411		
.013" orifice	313	413	513	
.015" orifice	315	415	515	615
.017" orifice		417	517	617
.019" orifice		419	519	619
.021" orifice			521	621
.023" orifice				623
.035" orifice		435		

# Spray Guns

Conventional



# 2100



PERFORMANCE JUST GOT A NEW NUMBER

*The 2100 is a next generation conventional, full-size spray gun which can be used to spray a wide range of materials including adhesives, epoxy, and abrasive fluids.*

- Corrosion resistant stainless steel fluid passages designed for waterborne materials
- Integrated head has fewer parts for quick repair
- Stainless steel threads won't cross-thread, increasing life
- Curved, ergonomic handle reduces fatigue and is more comfortable
- Forged aluminum body and nickel-plated brass knobs for durability
- Lowered trigger pivot point reduces fatigue
- Cheater valve adjusts air at the gun, saving operator time
- Superior, electroless nickel-plated brass 21MD-Series air nozzle
- New **"Maximum Delivery"** air nozzles have better atomization for greater product finish with less material

- VERSATILE
- RUGGED
- COMFORTABLE
- CORROSION-RESISTANT

*Recommended for Protective Coatings:*

**Binks 2100 66SS - 66SD**  
**Part # 2100-4307-9**

## NOZZLE AND NEEDLE SELECTION CHART

Type of Field to be Sprayed	Part #	Type	CFM at			Max. Pattern at 8"	Fluid Nozzle	Air Nozzle	Fluid Needle Numbers
			30 PSI	50 PSI	70 PSI				
VERY THIN 14-16 secs. Zahn 2 Cup wash primers, dyes, stains, solvents, water, inks THIN 16-20 secs. No. 2 Zahn sealers, primers, lacquers, inks, lubricants, zinc chromates, acrylics	2100-2800-7	PE	9	14.3	20	14	45-6321 (63BSS)	46-6002 (63PB)	47-56310 (563A)
	2100-4307-5	SE	3.4	5.0	—	9	45-6601 (66SS)	46-6018 (66S)	47-56500 (565)
	2100-4307-9	SE	7.9	12.1	—	10.5	45-6601 (66SS)	46-6020 (66SD)	47-56500 (565)
	2100-4308-8	SE	11	15.2	19.5	13	45-6601 (66SS)	46-6082 (66SK)	47-56500 (565)
	2100-4321-1	SE	12	17.3	23	11	45-6601 (66SS)	46-21MD-1	47-56500 (565)
MEDIUM 14-30 secs. No. 2 Zahn lacquers, syn. enamels, varnishes, shellacs, fillers, primers, epoxies, urethanes, lubricants, wax emulsions	2100-4321-2	SE	15.2	22.2	29.6	13	45-6601 (66SS)	46-21MD-2	47-56500 (565)
	—	SE	12.5*	18.3*	24.4*	13	45-6701 (67SS)*	46-21MD-2	45-56700 (567)*
	2100-2821-3	PE	11.6	16.6	22.2	16	45-6321 (63BSS)	46-21MD-3	47-56310 (563A)
VERY HEAVY texture coatings, road marking paint	2100-5111-5	PE	9.5	14.1	19.1	12	45-6801 (68SS)	46-6032 (68PB)	47-56800 (568)
ADHESIVES waterbase white vinyl glues, solvent base, neoprenes (contact cement)	2100-2808-2	PE	7.9	12.1	16.2	4	45-6321 (63BSS)	46-6092 (66SD-3)	47-56310 (563A)
	2100-4308-2	PE	9.5	14.2	19.0	10	45-6601 (66SS)	46-6092 (66SD-3)	47-56500 (565)
ZINC RICH COATINGS	2100-4909-5	PE	9.5	14.1	19.1	12	45-6702 (67VT)	46-6026 (67PB)	47-56702 (567VT)
<b>PTFE</b>	2100-4307-9	SE	7.9	12.1	—	7	45-6601 (66SS)	46-6020 (66SD)	47-56500 (565)
HAMMERS	2100-4307-9	SE	7.9	12.1	—	7	45-6601 (66SS)	46-6020 (66SD)	47-56500 (565)

Note: PE – Pressure External SE – Siphon External PI – Pressure Internal

\* To spray at the CFM's noted above, use a 45-6701 fluid nozzle and a 45-56700 fluid needle along with the standard 46-21MD-2 air nozzle.



# Spray Guns

## Primer/Top-Coat Applications: Single & Plural Component Coatings

### Conventional: Siphon-Feed / Gravity-Feed



Binks  
2100 66SS - 66SD Gun  
(requires 81-800 cup)  
**Part # 2100-4307-9**



Binks  
2100 66SS x 66SD Gun  
w/ 1-qt. Cup  
**Part # 98-2650**



DeVilbiss  
JGA-510 Gun  
(requires TLC-555 cup)  
**Part # JGA-510-30EX**



DeVilbiss  
Compact 0.070 Orifice  
Conventional Gun w/ 1-qt. Cup  
**Part # COM-G430-18-02**

### Airless



Binks  
PitBull 7500 PSI Gun  
2-Finger  
**Part # 1108-7500-2**  
4-Finger  
**Part # 1108-7500-4**

### Conventional: Pressure-Feed



DeVilbiss MBC-510 Gun  
*Option 1: 0.070 Orifice*  
**Part # MBC-510-64HDE**  
*Option 2: 0.086 Orifice*  
**Part # MBC-510-64HDD**



DeVilbiss JGA Gun  
*Option 1: 0.070 Orifice*  
**Part # JGA-510-704E**  
*Option 2: 0.086 Orifice*  
**Part # JGA-510-64HDD**



Binks 2100 Gun  
*Option 1: 0.070 Orifice 66SS X 66SD*  
**Part # 2100-4307-9**  
*Option 2: 0.110 Orifice 68SS X 68PB*  
**Part # 2100-5115-5**

### HVLP: Pressure-Feed / Gravity-Feed



**Green WORKS**  
Binks  
Mach 1 0.070 Orifice  
97 - 97AP Gun  
**Part # 6202-1302-8**



**Green WORKS**  
DeVilbiss  
EXL 0.070 Orifice Gun  
**Part # EXL-520P-18**

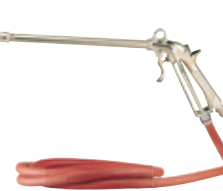


**Green WORKS**  
DeVilbiss  
EXL 0.070 Orifice Gravity  
Gun w/ 1-Liter Cup  
**Part # EXL-620G-18**

### Specialty Guns



Binks  
Model 7E2 0.250 Orifice  
45SS X 1/4 Gun  
**Part # 6102-3600-7**



Binks  
140B Engine Cleaning  
Gun & 6' of Hose  
**Part # 6530-0000-1**



Binks  
PitBull 3500 PSI Gun  
2-Finger  
**Part # 1108-3500-2**  
4-Finger  
**Part # 1108-3500-4**

### Zinc Primer Guns



DeVilbiss  
MBC Zinc  
Water Base Gun  
**Part # MBC-ZINC-W**



DeVilbiss  
MBC Zinc  
Solvent Base Gun  
**Part # MBC-ZINC-S**

### Air Assist Airless



**Green WORKS**  
Binks  
AA4000 Gun  
(less tip)  
**Part # 4000-0000-10HP**



**Green WORKS**  
Binks  
AA1500 Gun  
(less tip)  
**Part # 1500-0000-10**

### AA GUN TIP ASSEMBLY

Part #	Orifice Size	Pattern Size	Part #	Orifice Size	Pattern Size
114-00906	0.009	6"	114-01512	0.015	12"
114-00912	0.009	12"	114-01514	0.015	14"
114-01108	0.011	8"	114-01516	0.015	16"
114-01110	0.011	10"	114-01518	0.015	18"
114-01308	0.013	8"	114-01712	0.017	12"
114-01310	0.013	10"	114-01714	0.017	14"
114-01312	0.013	12"	114-01718	0.017	18"
114-01314	0.013	14"	114-01912	0.019	12"
114-01316	0.013	16"	114-01814	0.019	14"
114-01508	0.015	8"	114-02116	0.021	16"
114-01510	0.015	10"			



# Fluid Delivery & Handling

Primer/Top-Coat Applications: Single & Plural Component Coatings

## Low Pressure Options

### Zinc-Plated Pressure Tanks



Binks  
2.8-gal. Zinc-Plated  
Tank w/ Agitator  
(2 Regulators)  
**Part # 83C-221**



Binks  
2.8-gal. Zinc-Plated  
Tank w/ 2 Regulators  
**Part # 83C-220**

#### ZINC-PLATED THROUGHOUT, INCLUDING LID, WETTED PARTS & TANK SHELL

Air Regulation	Fluid Agitation	Actual Capacity Up to 2.8-gal. 83C-2xx
Single Reg	No Agitation	83C-210
Double Reg	No Agitation	83C-220
Single Reg	Std. Agitation (D)	83C-211
Double Reg	Std. Agitation (D)	83C-221
Disposable Liner		PT-78-K10 or K60
Service Bulletin		SBBI-21-044

NOTE: The air regulator(s) and gauge(s) are shipped inside the tank to prevent damage in shipping.  
Service Bulletin SBB1-21-044  
(D)=Direct Drive Agitator: Uses direct mount air motor and air adjusting valve.

### Diaphragm Pumps



Binks  
1/2" 5-gal. Pail-Mount  
Diaphragm Pump  
(No Agitator)  
**Part # 818200**



Binks  
1/2" 5-gal. Pail-Mount  
Diaphragm Pump  
w/ Agitator  
**Part # 818201**



Binks  
1" Diaphragm  
Pump - Bare  
**Part # 818820**

### Galvanized Steel Pressure Tanks



Binks  
Galvanized Tanks  
**2-gal. (not shown):  
Part # 83G-2XX†**  
**5-gal. (shown):  
Part # 83G-523**  
**10-gal. (not shown):  
Part # 83G-10XX†**  
**15-gal. (not shown):  
Part # 83G-15XX†**

† See chart on right

#### GALVANIZED STEEL Bottom Outlet Plug & Openings in Skirt Standard

Air Regulators	Fluid Agitation	Small Tank (2-gal.) Actual Capacity 2.8-gal. 83G-2xx	Medium Tank (5-gal.) Actual Capacity 9.8-gal.* 83G-5xx	Large Tank (10-gal.) Actual Capacity 11.8-gal.* 83G-10xx	Extra Lg. Tank (15-gal.) Actual Capacity 19.8-gal. 83G-15xx
No Reg	No Agitation	—	—	—	83G-1500
Single Reg	No Agitation	83G-210	83G-510	83G-1010	83G-1510
Double Reg	No Agitation	83G-220	83G-520	83G-1020	83G-1520
Single Reg	Std. Agitation	83G-211 (D)	83G-513 (I)	83G-1013 (I)	83G-1513 (I)
Double Reg	Std. Agitation	83G-221 (D)	83G-523 (I)	83G-1023 (I)	83G-1523(I)
Single Reg	Opt. Agitation	83G-213 (I)	—	—	—
Disposable Liner	—	PT-78-K10 or-K60	PTL-408-K20	PTL-412-K8	PTL-415-K10
Service Bulletin	—	SBBI-21-068	SBBI-21-070	SBBI-21-062	SBBI-21-062

\* Binks 5-gallon tanks accept standard and imperial 5-gallon shipping pails.  
NOTE: The air regulator(s) and gauge(s) are shipped inside the tank to prevent damage in shipping.

(D) = Direct Drive Agitator: Uses direct mount air motor and air adjusting valve.  
(I) = Indirect Drive Agitator: Uses motor coupled to gearbox for higher torque at lower speeds.

## Low Pressure Outfits

### Zinc-Plated Pressure Tank Outfits

For other options, order separate items.



Binks  
2.8-gal. SS Fitted  
Zinc-Plated Tank  
w/ 25-ft. of Air &  
Fluid Hose (Order  
Gun Separately)  
**Part # 98-1229**



Binks  
2.8-gal.  
Zinc-Plated Tank  
w/ 2100 Gun &  
25-ft. of Hose  
(0.046 Orifice)  
**Part # 98C-357**



Binks  
2.8-gal. SS Fitted  
Zinc-Plated Tank  
w/ 2100 Gun &  
25-ft. of Hose  
(0.086 Orifice)  
**Part # 98Z-358**



**Green WORKS**  
Binks  
1:1 Ratio 1/2"  
Diaphragm Pump w/  
Compact Gun & 25-ft.  
of Air & Fluid Hose  
(0.052 Orifice)  
**Part # 98-3151**

# Accessories

## Conventional Gun Extensions

Nozzle Extensions designed for special applications and to reach out-of-the-way places.

Models for general use and for specific applications. Use for conventional coatings with spray guns as listed.



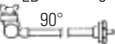










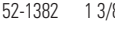

*Note:* When ordering, specify spray gun model that extension is to be used with and specify nozzle set-up.

All extensions furnished with stainless steel needles. See current Binks Price List for individual extension part numbers.

Standard lengths shown in chart below.

Custom lengths (◆) and custom styles are available as special order – please call Binks Customer Service for pricing.

All gun extensions are special order and are not subject to return.

	Clearance Diameter (inches)	Nozzle Set-Up	STANDARD Lengths shown in (inches) ◆ = Custom Sizes Made to Order	For Gun Model	Part Sheet Reference (77- )
	EA 1 3/4	Std. External or Internal Mix*	9, 15, 24, 36 ◆	2100 95, 95A, 95AR	1368 2659, 2660
	EAX 7/8	External or Internal Mix*	◆	2100 95, 95A	1369 2659, 2660
	EB 3 90°	Std. External or Internal Mix* ▼	6, 12, 15, 18, 24 ◆	2100, 21 95A, 95AR	1370 2659, 2660
	EBX 1 7/8 90°	External or Internal Mix*	◆	2100 95, 95A	1371 2659, 2660
	EN 2 1/2 45°	Std. External or Internal Mix* ▼	6, 12, 18, 36, 48 ◆	2100, 21 95, 95A, 95AR	1372 2659, 2660
	ENX 1 3/4 45°	External or Internal Mix*	◆	2100 95, 95A	1373 2659, 2660
	ERX 1 7/8 30° Reverse	External or Internal Mix*	◆	2100 95, 95A,	1374 2659, 2660
	C 3/4	Circular (360°)*	6, 12, 18, 24, 36, 48, 60, 72, 84, ◆ 12, 24, 36, 48, 60, 72, 84	2100 21 95, 95A, 95AR	1367 2082 2659, 2660
	HC 90°				
	SC 3/8 90°	Circular (360°)	9, 12, 18, 27, 33, 39, 51, 63, 75, 87 ◆	2100, 21 95, 95A	1328 2659, 2660
	SA 7/16	Round (Not Adjustable)	◆	2100 95, 95A	1328 2659, 2660
	CVT 1 1/8	Same as for Models C and HC except nozzles have tungsten carbide inserts*	◆		2083
	HCVT			2100 95, 95A	2659, 2660
	52-1382 1 3/8	Special for Pipe Interior Circular 360°	1/4" Pipe not included	Gun not required	--
	52-2410 3/4	Circular 360°	5/16" I.D. fluid hose & clamps not included	2100, 95	--

\* See Nozzle and Needle Selection in the Conventional Spray Guns & Accessories Guide

### KEY CODE:

■ = High volume material flow.

◆ = Any length not shown made to order (custom).

▼ = Extension is available with stainless steel fluid nozzle having tungsten carbide insert.

Specify "VT" when ordering. See nozzle setup table.

## Airless Fluid Hose Assemblies



### AIRLESS PAINT HOSE (CONDUCTIVE)

Part #	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-4830	1/4" i.d. x 25'	4000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps(f)	Steel pltd
71-4831	1/4" i.d. x 50'	4000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps(f)	Steel pltd
71-4840	1/4" i.d. x 25'	10,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps(f)	Steel pltd
71-4841	1/4" i.d. x 50'	10,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps(f)	Steel pltd
71-4850	3/8" i.d. x 25'	3500 psi	Nylon	Permanent w/ Spring Guards	3/8" nps(f)	Steel pltd
71-4851	3/8" i.d. x 50'	3500 psi	Nylon	Permanent w/ Spring Guards	3/8" nps(f)	Steel pltd
71-4860	3/8" i.d. x 25'	8000 psi	Nylon	Permanent w/ Spring Guards	3/8" nps(f)	Steel pltd
71-4861	3/8" i.d. x 50'	8000 psi	Nylon	Permanent w/ Spring Guards	3/8" nps(f)	Steel pltd



### WHIP-END FLUID HOSE ASSEMBLIES

Part #	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-4870	1/4" i.d. x 3'	10,000 psi	Nylon	Permanent w/ Spring Guards	3/8" nps(m) x 1/4" nps(f)	Steel pltd
71-4871	1/4" i.d. x 3'	10,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps(m) x 1/4" nps(f)	Steel pltd

### WHIP-END FLUID HOSE ASSEMBLIES

Part #	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-8360	3/16" i.d. x 30"	3000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps(f) x 1/4" npt(m)	Steel pltd
71-6844	1/8" i.d. x 3'	5000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps(f) x 1/4" npt(m)	Steel pltd

### AIR ASSIST AIRLESS FLUID HOSE ASSEMBLIES

Part #	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-4992	1/8" i.d. x 15'	4000 psi	Nylon	Permanent w/o Spring Guards	1/4" npt(f)	S.S.
71-4993	1/8" i.d. x 25'	5000 psi	Nylon	Permanent w/o Spring Guards	1/4" nps(f)	S.S.
71-4995	3/16" i.d. x 25'	1900 psi	Nylon	Permanent w/o Spring Guards	1/4" nps(f)	S.S.

### KEY CODE:

S.S. = stainless steel

Steel pltd = Steel plated

# Spray Booth Performance & Safety Products

## Hand Cleaner Towels



**Binks Hand Cleaner Towels in a convenient bucket**  
 Scrubs are pre-moistened with a patented, citrus based formula to remove paints, adhesives, inks, oil, soil, etc.  
**Part # 29-3100-K6** Case of (6) Buckets, (72) towels per bucket. See Sales Bulletin # 77-5239.

## Liners & Strainers



**DeVilbiss Cup Liners**

PART #	DESCRIPTION	UP TO SIZE
OMX-70-K48	48 Liners & Bushings	1-ltr./1-qt.
OMX-70-K8	8 Liners & Bushings	1-ltr./1-qt.



**Binks Tank Liners**

PART #	DESCRIPTION
PT-78-K10	2.8-gal. Tank Liners (10 Pk)
PT-78-K60	2.8-gal. Tank Liners (60 Pk)
PL-5GAL-K40	5-gal. Pail Liner (11.25" ID, 13" OD) 40/case

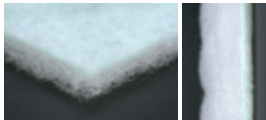
For other sizes, please contact your rep or customer service



**Binks Prospector™ Material Strainers**

PART #	MICRON / WIRE MESH	CASE QTY
PTS-2 GAL-K20-200	200 micron (approx. 65 wire mesh)	20/case
PTS-2 GAL-K20-400	400 micron (approx. 37 wire mesh)	20/case
PTS-2 GAL-K20-600	600 micron (approx. 28 wire mesh)	20/case

## Spray Booth Exhaust Filters



**Binks Exhaust Filters**

PART #	DESCRIPTION	SIZE
29-3111	Receptor Filter Pad - 25/Case	20" x 20" x 2"
29-3112	Receptor Filter Pad - 25/Case	20" x 25" x 2"
29-3105	Receptor Filter Blanket	24" x 50" x 2"
29-3106	Receptor Filter Blanket	30" x 50" x 2"
29-3107	Receptor Filter Blanket	36" x 50" x 2"
29-3108	Receptor Filter Blanket	40" x 50" x 2"
29-3109	Receptor Filter Blanket	45" x 50" x 2"
29-3110	Receptor Filter Blanket	48" x 50" x 2"

## Peelable Spray Booth Coating



**Binks BoothCoat™ Peelable Spray Booth Coating**

PART #	DESCRIPTION
29-248	1-gal. Can; Dries Clear - (Glass)
29-249	5-gal. Pail; Dries White - (Walls)

## Premium Paint Spray Respirator



**Binks Millennium 3000 Premium Paint Spray Respirator**

PART #	SIZE
40-141	Small
40-128	Medium
40-143	Large



**Binks Millennium 3000 Accessories**

PART #	DESCRIPTION
40-1921	Cartridges - Box of 2
40-1924	Pre-Filters - Box of 2

**DEVILBISS**

## Air Adjusting Valves



**DeVilbiss Part # HAV-501** Gun-Mounted Air Adjusting Valve for accurate air pressure adjustment at the spray gun.  
**DeVilbiss Part # HAV-500** (same valve without gauge)

## Quick Disconnects



**DeVilbiss High Flow Air Quick Disconnects\***

PART #	DESCRIPTION	THREAD
HC-1166	Hi-Flow QD Stem	1/4" NPT (m)
HC-4419	Hi-Flow QD Stem	1/4" NPT (f)
HC-4699	Hi-Flow QD Body	1/4" NPT (m)
HC-4700	Hi-Flow QD Body	1/4" NPT (f)

\*Ideal for HVLP applications. For other models, consult Tech Support.

## Air & Fluid Hoses



**Binks Air Hoses**

PART #	DESCRIPTION
71-11000	500' 5/16" Reel
72-1317	1/4" F Connection
71-12000	500' 3/8" Reel
72-1325	1/4" F Connection
72-1328	3/8" F Connection

**Binks Fluid Hoses**

PART #	DESCRIPTION
71-282	500' 3/8" Reel
72-1328	3/8" F Connection
71-283	300' 1/2" Reel
72-1333	3/8" F Connection
72-1334	1/2" F Connection

## Hose Assemblies

**Binks Air Hose Assemblies**

PART #	DESCRIPTION
71-1205	25' 5/16"
71-1206	50' 5/16"
71-1355	25' 3/8"
71-1356	50' 3/8"

**Binks Fluid Hose Assemblies**

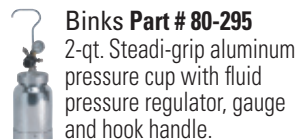
PART #	DESCRIPTION
71-3303	25' 3/8"
71-3304	50' 3/8"
71-3403	25' 1/2"
71-3404	50' 1/2"

## Agitators



**Binks Part # 31-133**  
 5-gal. pail-mounted direct drive agitator fitted w/ zinc plated chromate cover.

## 2-qt. Cups



**Binks Part # 80-295**  
 2-qt. Steadi-grip aluminum pressure cup with fluid pressure regulator, gauge and hook handle.

## Air Regulators



**DeVilbiss Part # HAR-507 & Part # HAR-511**  
 Air regulators designed to receive air at main line pressure and to deliver it at a desired lower regulated pressure.

## Heaters

**Binks Fluid Heaters**  
 Working capacity to 5000 psi and with adjustable thermostatic control from 60° to 250°F.

PART #	DESCRIPTION
830000	120 vac (16.6 amps)
830001	240 vac (8.33 amps)
830002	440 vac (4.5 amps)

## Solvent Saver

**DeVilbiss**

PART #	DESCRIPTION
HD-503	2-qt. Hose/Gun Cleaner Aluminum & Brass Construction
83GZ-5200	2-gal. Solvent Saver Galvanized Steel, Aluminum, & Brass Construction

**BINKS**



Ask Us  
About



Whether or not you are required to follow strict regulatory mandates for your geographic area and specific applications, you can conserve resources with our GreenWorks program.

We can help you:

- Implement eco-tips that provide measurable cost savings
- Identify the Binks and DeVilbiss products with an immediate green payback for you
- Determine if your operation could benefit from the Binks and DeVilbiss Finishing TuneUp program



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