# PROTECTIVE COATINGS





### **EQUIPMENT SELECTION GUIDE**





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### **Customer Support and Technical Assistance**

**800-992-4657** Call Toll Free (USA/Canada) **888-246-5732** Fax Toll Free (USA/Canada)

#### MSDS and more info online

bgk.com binks.com devilbiss.com ransburg.com finishingbrands.com

#### **Ask Us About**



### **Selecting The Right Equipment**





#### 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 coatings dictate 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 Compliance... and Improved Bottom-Line Results.

















### **Spray Application Processes**

### ATOMIZATION TECHNOLOGY OPTIONS

Conventional, HVLP, LVMP, Air Assisted Airless and Airless are all types of Atomization technology, each has slightly different operating parameters.

#### Conventional

The most established method of air atomizing, used on spray guns for decades. This type uses high velocity air jets to produce a high atomization power which is very effective in breaking up high solids and high viscosity coatings. Air pressure exiting the air cap during use is typically 40-70 psi (2 to 5 bar) with typical air consumption of 6 to 25 cfm (170 to 700 l/min).

#### **High Volume Low Pressure (HVLP)**

HVLP uses higher volumes of air (11 to 30 cfm or 300 to 840 l/min) at low pressure (psi) to atomize the coating. HVLP provides high transfer efficiency and is limited by Government Environmental Legislation to a maximum of 10 psi (0.7 bar) atomizing pressure measured at the air cap.

#### **Low Volume Medium Pressure (LVMP)**

LVMP makes more energy available for the atomization process than HVLP, but delivers transfer efficiencies equivalent to those of HVLP. Air cap pressure is typically in the area of 20 to 45 psi (1.3 to 3 bar) while using 9 to 20 cfm (250 to 560 l/min) for atomization of coatings.

#### **Air Assisted Airless**

To maximize efficiency, the best features of air spray and airless atomization are combined in this technology. The pattern is formed by the spray tip at between 500 and 2,500 psi fluid pressure and a small amount of air pressure is used to adjust the size of the spray pattern and eliminate "tails". Air Assisted Airless provides fast application of materials, a soft spray that reduces fog overspray and bounce-back, and the ability to penetrate into recesses and cavities. This is especially important where intricate shapes require a consistent film build.

#### **Airless**

Fluid is atomized by high pressure (usually 3,000 - 7,000 psi) and pushed through an orifice in the spray tip which is typically .015" - .035" in diameter. The shape of the orifice determines the shape and size of the spray pattern. With airless technology, the size of the atomized particle is larger than other spray methods and therefore typically not used for achieving fine finishes.

#### WATERBORNE COMPATIBLE



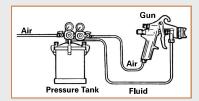








## FLUID DELIVERY OPTIONS



#### **Pressure-Feed**

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

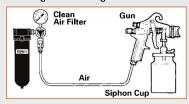
Advantages: This method delivers higher volumes of fluids than siphon and gravity-feed set-ups, and will spray a wider range of materials. It also enables independent control of fluid and air pressure.



#### **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.



#### Siphon-Feed

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

Advantages: This fluid cup system offers quick material / color changes, easy clean-up on smaller jobs.





### **Atomization** Low Fluid Pressure Spray Guns

#### **DeVilbiss Model JGA & JGHV Spray Guns**

The JGA standard-size manual spray gun is extremely versatile and rugged. The JGA sets the industry standard for high production performance. The JGHV has all of the great features of the JGA with the added benefit of being HVLP Compliant.

#### **Features & Benefits:**

- Plated-brass air caps
- Stainless steel fluid nozzles and needles
- Stainless steel fluid passages for complete material compatibility
- Comfortable "fit and feel" handle design

Viscosity Range: Low to high

Typical Industrial Coatings: Primers, epoxies, urethanes, enamels, adhesives, abrasives, textured coatings, high solids, and zinc rich materials.

#### **DeVilbiss Model MBC Conventional Spray Gun**

The MBC spray gun combines a drop forged aluminum body with a forged removable spray head which is ideal for quick cleaning and applications which require fast nozzle changes. Special models with set-ups designed to spray solvent and water-borne zinc coatings.

#### **Features & Benefits:**

- Plated brass air caps
- Stainless steel fluid nozzles and needles
- Removable spray head with nickel plated brass fluid passages

Viscosity Range: Low to high

**Typical Industrial Coatings:** Lacquers, primers, epoxies, urethanes, enamels, adhesives, high solids, and zinc rich materials.

#### **Binks Model 2100 Conventional Spray Gun**

The Binks Model 2100 is a full sized high production gun. Designed and built with the professional finisher in mind, the 2100 Gun will handle virtually all industrial and protective coatings.

#### **Features & Benefits:**

- Wide selection of air nozzles and stainless steel fluid nozzles and needles
- All stainless steel fluid passages for complete material compatibility

Viscosity Range: Low to high

**Typical Industrial Coatings:** Lacquers, primers, epoxies, urethanes, enamels, adhesives, abrasives, textured coatings, non-stick coatings, high solids, and zinc rich materials.

#### **DeVilbiss Model EGA & EGHV Touch Up Guns**

The EGA is the spray gun of choice for touch up, shading and detail decorating. This conventional touch up gun provides precise control for any type of delicate spray finishing applications.

EGHV has all the features of the EGA and is HVLP compliant.

#### **Features & Benefits:**

- Stainless steel tip and needle
- Forefinger trigger to enhance operator control
- Long needle taper to make detail work easy

Typical Industrial Coatings: Water based paints, enamels, urethanes, stains and varnishes, inks and dyes, and lacquers

Part No.	Gun Body	Brand	Model	Technology	Material Compatibility	Material Feed	CFM @ 30 psi	Max Pattern Size (in)	Fluid Nozzle	Fluid Nozzle (mm / in)	Air Nozzle	Fluid Needle Material
JGA-510-704E	Full Size	DeVilbiss	JGA	Conventional	Medium - Heavy	Р	21°	10-12	Е	1.8 / .070	704	SS **
JGA-510-64HDD	Full Size	DeVilbiss	JGA	Conventional	Medium - Heavy	Р	22°	14	D	2.2 / .086	64HD	SS **
JGA-510-57D	Full Size	DeVilbiss	JGA	HVLP	Medium - Heavy	S/P	11	9-11	D	2.2/.086	57	SS **
JGHV-531-46FF	Full Size	DeVilbiss	JGHV	HVLP	Medium - Heavy	Р	22.5	11	FF	1.4 / .055	46MP	SS **
JGHV-531-83D	Full Size	DeVilbiss	JGHV	HVLP	Heavy	Р	26	13	D	2.2 / .086	83MP	SS **
JGHV-531-83E	Full Size	DeVilbiss	JGHV	HVLP	Medium - Heavy	Р	26	13	Е	1.8 / .070	83MP	SS **
MBC-510-64HDD	Full Size	DeVilbiss	MBC	Conventional	Medium - Heavy	Р	22°	14	D	2.2 / .086	64HD	SS **
MBC-510-64HDE	Full Size	DeVilbiss	MBC	Conventional	Medium - Heavy	Р	22°	14	Е	1.8 / .070	64HD	SS **
MBC-ZINC-S ##	Full Size	DeVilbiss	MBC	Conventional	Medium - Heavy	Р	22	14	D	2.2 / .086	64HD	SS **
MBC-ZINC-W ^^	Full Size	DeVilbiss	MBC	Conventional	Medium - Heavy	Р	16	8-10	D	2.2 / .086	100L	SS **
2101-4307-9	Full Size	Binks	2100	Conventional	Medium - Heavy	Р	7.9	7-11	66SS	1.8 / .070	66SD	SS ***
2101-5111-5	Full Size	Binks	2100	Conventional	Medium - Heavy	Р	9.5	12	68SS	2.8 / .110	68PB	SS ***
EGA-503-390F	Touch Up	DeVilbiss	EGA	Conv	Light - Medium	S/P	3	3	F	1.0/.039	390	SS
EGHV-531-397E	Touch Up	DeVilbiss	EGHV	HVLP	Light - Medium	S/P	8.8*	6	Е	1.8/.070	397	SS

Notes:

- CFM @ 80 psi
- \* CFM @ 50 ps
- \*\* UHMWPE and Carboloy Tips and Needles are available for this model
- \*\*\* VT (Vitreous) set-up is available for this model
- S Siphon Feed

- P Pressure Feed
- ## MBC-ZINC-S for Solvent-borne Zinc Coatings, has leather packings and heavy duty needle spring, 64HD Air Cap
- ^^ MBC-ZINC-W for Water-borne Zinc Coatings, has leather packings, heavy duty needle spring, Gti-100-L Delrin Air Cap and Gti-3 Delrin Retaining Ring

















### **Atomization** Binks Trophy™ Low Pressure Spray Guns





#### **Application Versatility:**

- Sizes: Full size and touch up
- Spray Technologies: HVLP, LVMP (Compliant), Conventional
- Gun Body Colors: Blue (HVLP) / green (LVMP) / brown (Conventional)
- Fluid Nozzles and Needle Set-Ups: Tuff tip hardened stainless steel nozzles, tungsten carbide, plastic tip needles, and feathering needles
- Available in pressure-feed, gravity-feed, and siphon-feed

#### **Ergonomic Design:**

- Lightweight
- Curved handle for increased comfort
- Oversized knobs and air cap ring for easy adjustments and maintenance
- Soft trigger pull for reduced stress and fatique
- Smooth trigger pull for providing no-kickback during spraying

#### **Robust Engineering:**

- Large stainless steel fluid passages for compatibility with industrial coatings
- Long lasting brass inserts and seals
- Hardened stainless steel fluid nozzles
- Large air passages
- Anodized forged aluminum gun body provides durability

Part No.	Gun Body	Brand	Model	Technology	Material Compatibility	Material Feed	CFM @ 30 psi	Max Pattern Size (in)	Fluid Nozzle	Fluid Nozzle (mm / in)	Air Nozzle	Fluid Needle Material
2465-16CN-12S0	Full Size	Binks	Trophy	Conventional	Thin / Med / Heavy	S/P	8	12	16	1.6 / .063	12C	SS
2465-26CN-14V0	Full Size	Binks	Trophy	Conventional	Heavy - Zinc Coatings	Р	17	14	26	2.6 / .102	14C	Tungsten Carbide
2465-16LV-23S0	Full Size	Binks	Trophy	LVMP	Medium - Heavy	Р	11	14	16	1.6 / .063	23L	SS
2465-18LV-23SS	Full Size	Binks	Trophy	LVMP	Thin - Medium	S	11	8	18	1.8 / .070	23L	SS
2465-18LV-23SG	Full Size - Gravity	Binks	Trophy	LVMP	Medium - Heavy	G	11	8	18	1.8 / .070	23L	SS
1465-14LV-B1S	Touch Up	Binks	Trophy	LVMP	Heavy	Р	5	5-7	14	1.4 / .055	B1	SS
2465-18HV-32S0	Full Size	Binks	Trophy	HVLP	Medium - Heavy	Р	16	18	18	1.8 / .070	32H	SS
2465-18HV-32SS	Full Size	Binks	Trophy	HVLP	Thin - Medium	S	16	6-9	18	1.8 / .070	32H	SS
2466-18HV-32SG	Full Size - Gravity	Binks	Trophy	HVLP	Medium	G	18	12	18	1.8 / .070	32H	SS
1465-14HV-C1S	Touch Up	Binks	Trophy	HVLP	Medium - Heavy	Р	8	5-7	14	1.4 / .055	C1	SS

Notes: S Siphon Feed

- G Gravity Feed
- P Pressure Feed

















### **Atomization** SprayVantage Low Pressure Spray Guns

#### **SprayVantage Pro Series**

Binks SprayVantage Pro Series spray guns offer great value to professional painters, contractors and do-it-yourselfers alike. Available in both conventional and HVLP models, these spray guns are used in pressure-feed, gravity-feed and siphon-feed applications. The SprayVantage3 portable spray finishing system includes a 3 hp air compressor on a cart, 2.8 gallon ASME rated pressure tank, 25' of air and fluid hose and your choice of two guns, SV100 or the 2100 gun with

Multi-Color set-up.





LIGHT



HEAV

PART NO.:

7041-6931-1

PART NO.: 7042-6931-4

#### **CHOOSE YOUR SPRAY GUN**

CHOUSE TOOK STRAT GON		/ _	/ -3	/ ~	7		/	/	/ `` ,		<b>"</b> / "		/ ~
SV100 Siphon-Feed Conventional Spray Gun w/Cup PART NO.: 98-3161 • Tips included: 1.8mm Recommended 10-15 CFM / 30-45 psi	•							•	•		-		
SV100 HVLP Gravity-Feed Spray Gun w/Cup PART NO.: 7042-6931-4 TIPS INCLUDED: 1.4mm, 2.0mm Recommended 10-14 CFM / 20-27 psi	•					•		•	•		-		
SV100 HVLP Pressure-Feed Spray Gun Only PART NO.: 7041-6931-1 TIPS INCLUDED: 1.1mm, 1.4mm, 1.8mm Recommended 10-14 CFM / 20-27 psi	•					•		•	•	-	-		•
SV100 2 Qt. Outfit: HVLP Pressure-Feed PART NO.: 98-3162 TIPS INCLUDED: 1.1mm, 1.4mm Recommended 10-14 CFM / 20-27 psi						•			•	-	-		•
SV100 2 Gal. Outfit: HVLP Pressure-Feed PART NO.: 98-3163 TIPS INCLUDED: 1.1mm, 1.4mm Recommended 10-14 CFM / 20-27 psi	•					•			•	-	-		
SprayVantage3™ Fine Finishing Systems PART NO.: 98-3164 • SV100* PART NO.: 98-1266 • Multi-Color with 2100 Gun (*690 Air cap is recommended for SV100 Gun)	•					•		-	•	-	-	•	•











**MEDIUM** 



### **Atomization** Specialty Low Pressure Spray Guns

#### **Binks Model 7E2**

Designed for spraying heavy bodied and filled materials such as non-skid, roof coatings, block fillers and others.

- Extra-Large fluid passages for maximum fluid flow
- Durable drop forged, plated brass spray head
- Adjustable floating needle valve and stainless air valve cartridges
- Comfortable hardened steel, four finger trigger

#### **Standard Set-Ups Available:**

- 6102-2900-7 7E2 GUN 44SS-1/4
- 6102-3525-9 7E2 GUN 46SS-391
- 6102-3600-7 7E2 GUN 45SS-1/4
- 6102-3601-7 7E2 GUN 45SS-3/8
- 6102-3602-3 7E2 GUN 45SS-3/8F

#### **Specifications:**

■ Air Inlet: 3/8" nps (m)

Fluid Inlet: 3/4" nps (m)

Weight: 30 oz.

Service Bulletin: 77-1341

#### **Binks Model 2100GW**

The Binks 2100GW spray gun is a hand-held, spray gun for limited application of two-component materials such as gel-coats or polyesters. The trigger action stops and starts spraying both materials simultaneously.



#### **Standard Set-Ups Available:**

- 2100GW Gun w/66SSx66SD (2100-4307-9GW)
- 2100GW Gun w/68SSx68PB (2100-5111-5GW)

#### **Specifications:**

■ Air Inlet: 1/4" nps (m) Fluid Inlet: 3/8" nps (m)

■ Weight: 24 oz.

Service Bulletin: 77-2936





#### **Gun Extensions**

Nozzle extensions are designed to reach out of the way places, such as the inside of large and small diameter pipe. There are models for general use and for specific applications. Extensions are available for both air atomizing and airless spray guns. See page 10 for airless extensions.

			_	
Clearance Diameter (inches)	Nozzle Set-Up	Standard Lengths (inches)	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, 95 <b>A</b>	1369, 2659, 2660
EB 3	Std. External or Internal Mix*	6, 12, 15, 18, 24, <b>♦</b>	2100, 21, 95, 95AR	1370, 2659, 2660
EBX 17/8	External or Internal Mix*	+	2100, 95, 95A	1371, 2659, 2660
EN 2 1/2	Std. External or Internal Mix*	6, 12, 18, 36, 48, <b>♦</b>	2100, 21, 95, 95A, 95AR	1372, 2659, 2600
ENX 1 3/4	External or Internal Mix*	+	2100, 95, 95A	1373, 2659, 2660
ERX 17/8 30° Reverse	External or Internal Mix*	+	2100, 95, 95A	1374, 2659, 2660
C 3/4  HC ■  ———————————————————————————————————	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
SC 3/8	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 HCVT ■ «⊕ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	Same as for Models C and HC Except Nozzles have Tungsten Carbide Inserts*	*	2100, 95, 95 <b>A</b>	2083, 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 and 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.

















### **Atomization** Specialty Spray Guns

#### **Automatic Airless Spray Guns - High Pressure**



#### **Binks Model 550**

Automatic airless gun for spraying protective coatings such as lacquers, enamels, waterbased emulsions, mold release agents, and sound deadeners. Spray gun equipped with tip guard, stainless steel fluid passages, and forged aluminum spray gun body. Actuating air pressure is 40-60 psi. The material inlet may be installed in any of four positions to facilitate fluid hose connection.

#### **Binks Model 570**

Same as Model 550, but constructed with larger fluid inlet opening and fluid passages. Used for spraying heavy materials such as mastics and undercoatings.

Spray tip is not included, order separately. (Maximum operating pressure is 3000 psi.)

#### **Specifications:**

- Part Number: Model 550 6700-000-5, Model 570 6700-0000-7
- Air Inlet: Model 550 1/4" nps (m), Model 570 1/4" nps (m)
- Fluid Inlet: Model 550 1/4" nps (m), Model 570 1/2" npt (f)
- Weight: Model 550 24 oz., Model 570 40 oz.

Service Bulletin: Model 550 - 77-2120, Model 570 - 77-2122



#### Binks Model 30 Bead Gun (& Model 30A High Flow)

Designed for laying out glass bead during a line striping operation. Use on hand line stripers or moving trucks.

- Will spread glass beads at a rate of 20 lbs. per minute
- Pneumatically operated using a minimum of 50 psi
- Furnished with four nozzle inserts with orifice diameters of 7/32", 1/4", 9/32" and 11/32"

#### **Specifications:**

Part Number:

Standard Model 30 Bead Gun - 6279-0000-1 Model 30 Bead Gun with Big Bore - 6279-0000-5

■ Weight: 6 lbs. 1 oz.

Service Bulletin: 77-2151

#### **Binks Model 140B**

Use for spraying solvents to clean engines and other machinery.



- Features a rugged brass body
- Ten inch nozzle/tube length for hard to reach places
- Includes flexible tubing with hose clamp for siphoning solvent from a container

#### **Specifications:**

Part Number: 6530-000-1

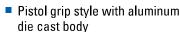
Air Inlet: 1/4" NPS (m)

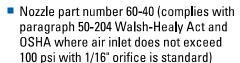
Requires 14 CFM air at 50 psi

Service Bulletin: 77-1191

#### Model 190 Air Blow Gun

Use for dusting, drying, removing chips, etc. from surfaces.





 Also available with part number 60-41 5-1/2" extension (optional)

#### **Specifications:**

Part Number: 6580-000-1

Air Inlet: 1/4" NPT (m)

Air Consumption: 3.5 CFM at 50 psi

Service Bulletin: 77-1108



















### **Atomization** Medium & High Pressure Spray Guns



#### Binks Airless 75 & 75M Spray Guns

Operators will feel the difference when spraying the lightweight Airless 75 spray guns due to the contoured ergonomic handle design.

- The forged aluminum gun body is made to outlast the competition
- Extra wide stainless steel fluid passageways will accommodate a wide range of coatings
- Sprays high solids and heated coatings up to 7,500 psi with optional heat guard
- Two-finger triggers with ergonomic handle to reduce operator fatigue
- Unique needle design keeps the spring out of the fluid path
- 75M spray gun features a larger 3/8" inlet for spraying fire retardants and fibrous coatings, and includes a high pressure swivel fitting
- Thick-walled stainless steel fluid tube for abrasive coatings

#### Binks AA1600 & AA4400M Air Assisted Airless Spray Guns

- Easy to remove "IN-LINE" needle reduces repair time
- One tool trigger removal speeds up assembly and disassembly
- Adjustable packing can be tightened without disassembly
- Lightweight gun and ergonomic handle reduce operator stress and fatigue
- Anodized aluminum air caps resist corrosion
- HVLP or LVMP Technologies provide a wider choice of spray options
- Unique Twist Tip option quickly and easily removes clogs
- Easily adjustable fan pattern from control knob at back of gun
- AA1600 with UHMW Seat is ideal for applications spraying low to medium viscosity coatings at less than 1600 psi
- AA4400M with Tungsten Carbide Seat is best for high viscosity fluids and heavy industrial applications
- A wide variety of both twist and flat tip sizes are available for spraying many different types of coatings

Part No.	Fluid Hose Connection	Brand	Model	Technology	Diffuser	Max Fluid Pressure Rating (psi)	Tips Used	Air Cap	CFM @ psi	Max Pattern Size (in)
0811-7500-1	SS Fluid Tube	Binks	Airless 75	Airless	Three Hole	<b>7</b> 500	Twist Tip	_	_	See Tip Chart*
0811-7500-2	Direct Connect	Binks	Airless 75	Airless	Three Hole	<b>7</b> 500	Twist Tip		_	See Tip Chart*
0811-7500-3	Direct Connect	Binks	Airless 75	Airless	Single Hole	<b>7</b> 500	Twist Tip	_		See Tip Chart*
0811-7500-4	Direct Connect	Binks	Airless 75M	Airless - For Heavy / Filled Material	Single Hole	7500	Twist Tip	_	_	See Tip Chart*
0909-1600-HF0000	SS Fluid Tube	Binks	AA-1600M	Air Assist Airless	Single Hole	1600	Flat Tip	HVLP	8.3@14	See Tip Chart*
0909-1600-HT0000	SS Fluid Tube	Binks	AA-1600M	Air Assist Airless	Single Hole	1600	Twist Tip	HVLP	8.3@14	See Tip Chart*
0909-4400-HF0000	SS Fluid Tube	Binks	AA-4400M	Air Assist Airless	Single Hole	4400	Flat Tip	HVLP	8.3@14	See Tip Chart*
0909-4400-HT0000	SS Fluid Tube	Binks	AA-4400M	Air Assist Airless	Single Hole	4400	Twist Tip	HVLP	8.3@14	See Tip Chart*
0909-4400-LF0000	SS Fluid Tube	Binks	AA-4400M	Air Assist Airless	Single Hole	4400	Flat Tip	LVMP	13@30	See Tip Chart*
0909-4400-LT0000	SS Fluid Tube	Binks	AA-4400M	Air Assist Airless	Single Hole	4400	Twist Tip	LVMP	13@30	See Tip Chart*

Note: \* See Tip Charts on page 10. The above part numbers do NOT include tips. Order tips separately.

















### **Atomization** *Medium* & High Pressure Spray Guns

	ΤV	VIST TIP	& FLAT TII	ORDERING	CHART	
Orifice Size	Fan Pattern Size (in.)	Twist Tip Part No.	Flat Tip Part No. for Airless 550 & 570 Auto Guns	All 9- Series Tips- GPM Flow*	Flat Tip Part # (AA1600 & AA4400)	AII 114- Series Tips- GPM Flow*
.007	6	9-307-75		0.050		
.009	6	9-309-75		0.090		
.009	8	9-409-75		0.090		
.009	10	9-509-75		0.090		
.011	6 8	9-311-75 9-411-75	9-1170	0.120 0.120	_	_
.011	10	9-511-75	9-1170	0.120		
.011	12	9-611-75	9-1180	0.120		
.013	6	9-313-75	<u> </u>	0.180	_	_
.013	8	9-413-75	_	0.180	_	_
.013	10	9-513-75	9-1360	0.180	_	_
.013	12	9-613-75	9-1360	0.180	_	_
.013	14	9-713-75	9-1380	0.180	_	_
.015	6	9-315-75	_	0.240	114-01506	0.120
.015	8	9-415-75	9-1550	0.240	114-01508	0.120
.015	10	9-515-75	9-1550	0.240	114-01510	0.120
.015	12	9-615-75	9-1560	0.240	114-01512	0.120
.015	14	9-715-75	9-1590	0.240	114-01514	0.120
.015	16	_	9-1590	0.240	114-01516	0.120
.015	18				114-01518	0.120
.017	6	0.417.75		0.210	114-01706	0.160
.017	8 10	9-417-75 9-517-75		0.310 0.310	114-01708 114-01710	0.160
.017	12	9-617-75	_	0.310	114-01710	0.160 0.160
.017	14	9-717-75	_	0.310	114-01712	0.160
.017	16	<u>3-717-73</u>		0.510	114-01716	0.160
.017	18			_	114-01718	0.160
018	10-12	_	9-1840	0.330	_	_
.018	12-14	_	9-1860	0.330	_	_
.019	6	_			114-01906	0.190
.019	8	9-419-75		0.380	114-01908	0.190
.019	10	9-519-75		0.380	114-01910	0.190
.019	12	9-619-75		0.380	114-01912	0.190
.019	14	_			114-01914	0.190
.019	16	_			114-01916	0.190
.019	18				114-01918	0.190
.021	10	9-521-75		0.470	114-02110	0.240
.021	12 14	9-621-75		0.470	114-02112 114-02114	0.240 0.240
.021	16		9-2180	0.470	114-02114	0.240
.021	18		9-2180	0.470	114-02118	0.240
.023	10	9-523-75		0.570	-	—
.023	12	9-623-75	_	0.570		_
.024	10	_	_		114-02410	0.310
.024	12		_	_	114-02412	0.310
.024	14	_	_	<u> </u>	114-02414	0.310
.024	16	_			114-02416	0.310
.024	18	_			114-02418	0.310
.025	10	9-525-75		0.670		
.025	12	9-625-75	0.0040	0.670	_	_
.026	12-14	_	9-2640	0.690	114 00710	0.005
.027	10	0.627.75		0.740	114-02710	0.385
.027	12 14	9-627-75	_	0.740	114-02712 114-02714	0.385 0.385
.027	16				114-02714	0.385
.027	18			_	114-02718	0.385
.035	8	9-435-75		1.31		
.043	12-14		9-4340	1.60	_	

\*Note: All tip flow rates measured @ 500 psi water pressure



- Used to extend your reach
- Fluid is shut off at the front of the gun
- Fits Airless 75 and 75M Airless spray guns
- Use 49-1834 adapter to use on Airless 1 spray guns
- Use 52-5207 Airless Swivel Head for angular spray
- Extension does not include airless tip or tip guard (order separately)

52-5203	10"	3500 psi	Airless Tip Extension
52-5204	15"	3500 psi	Airless Tip Extension
52-5205	20"	3500 psi	Airless Tip Extension
52-5206	30"	3500 psi	Airless Tip Extension
52-5208	36"	7500 psi	Airless Tip Extension
52-5209	60"	7500 psi	Airless Tip Extension

#### **Accessories**

	TIP ACCESSORIES					
Part No.	Description					
54-5788-K5	60 Mesh* (Kit of 5) New Mesh Filters					
54-5789-K5	100 Mesh* (Kit of 5) Available in 2 Sizes					
72-2332	Fluid Inlet Swivel (1/4"m x 1/4"f)					
54-5830-K3	3/8" Air Inlet Push in Tube Fittings					
54-5799-K	Tungsten Carbide Seat Flat Tip					
54-5832-K	Tungsten Carbide Seat Twist Tip					
54-5797-K	LVMP Air Cap Flat Tip					
54-5798-K	LVMP Air Cap Twist Tip					
	AIRLESS 75 ACCESSORIES					
Part No.	Description					
72-2332	Micro Swivel 1/4"m x 1/4"f (550 bar)					
72-2333	Micro Swivel 3/8"m x 1/4"f (550 bar)					
72-2340	H.P. Swivel with Inlet Filter (60 Mesh)					
72-2341	H.P. Swivel with Inlet Filter (100 Mesh)					
54-1836	60 Mesh Filter					
54-1835	100 Mesh Filter					
72-2339	High Pressure "Y" Block (7250 psi Max)					
54-7527	Heat Guard (Accessory)					

<sup>\*60</sup> mesh filters come standard with all guns.

#### **Specifications**

	AIRLESS 75						
Max. Fluid Pressure:	7500 psi (51	7 bar)					
Gun Body:	Anodized Alı	uminum					
Max. Temperature:	175°F (79°C) (Heat G	uard Required)					
Fluid Path:	Stainless	Steel					
Fluid Inlet:	1/4" NPS (3/8" NI	PS for 75M)					
Gun Weight:	660g						
	AA1600M	AA4400M					
Max. Fluid Pressure:	1600 psi / 110 bar	4400 psi / 303 bar					
Max. Air Pressure:	100 psi / 6,8 bar	100 psi / 6.8 bar					
Gun Body:	Forged Aluminum	Forged Aluminum					
Fluid Path:	Stainless Steel / UHMW / Tungsten Carbide	Stainless Steel / Tungsten Carbide					
Seat:	UHMW (Standard) / Tungsten Carbide (Optional)	Tungsten Carbide					
Fluid Inlet:	1/4 NPS(m) Thread	1/4 NPS(m) Thread					
Air Inlet:	1/4 NPS(m) Thread	1/4 NPS(m) Thread					
<b>Gun Weight:</b> Without Tip, Air Cap, Guard	17.28oz / 490g	17.42oz / 494g					
Part Sheet:	77-2921	77-2922					













### **Atomization** Spray Gun Accessories



**Cleaning Brushes** 3/8" Diameter Spiral Brushes PART NO.: 42884-214-K5



Cleaning Brushes 5/8" Diameter Spiral Brushes PART NO.: 42884-215-K10



**Air Cap Cleaning Kit** Air Cap Cleaning Kit -Includes 2 Small Spiral Brushes and 1 Wire Tool on Key Ring PART NO.: KK-5060



**Professional Gun Cleaning Kit PART NO.: 192212** 



Wet Film Gauge **PART NO: 237-707** 



**Gun Wrench PART NO.:** WR-103



Vinyl Coated Gun **Hook Assembly PART NO.: 192219** 



**Gunner's Mate Spray Gun Lube PART NO.: 6-429** 



**Scrubs Hand Cleaning Towels** PART NO.: 29-3100



PART NO.: HAV-501 or HAV-500 Air Adjusting Valve (not shown) PART NO.: P-H-5516

Gun Mounted Air Adjusting Valves



**Gun Mounted** Air Regulator w/ Gauge PART NO.: HARG-510



Whirlwind™ In-Line Air Filter PART NO.: HAF-507-K12

Binks 2100 Spray Gun

Binks Model 7 Spray Gun

Binks 2001 Spray Gun

Binks Mach 1 HVLP Spray Gun

Binks Mach 1SL HVLP Spray Gun

Binks 95 Spray Gun

Binks 95SL Spray Gun

Binks SV100 Spray Gun

DeVilbiss MBC Spray Gun

DeVilbiss JGA Spray Gun

DeVilbiss JGHV HVLP Spray Gun

DeVilbiss EXL Spray Gun

DeVilbiss FLG-III Spray Gun

**DeVilbiss Compact Series** 



**Spray Gun Covers** 4/Kit - PART NO.: GC-100-K42 48/Kit - PART NO.: GC-100-K48

73-131 Adapter Not Required

73-131 Adapter Not Required

Requires 1 ea 73-131 Adapter

Requires 2 ea 73-131 Adapter

73-131 Adapter Not Required

Requires 1 ea 73-131 Adapter

Requires 2 ea 73-131 Adapter

#### **Binks Spray Gun Extension Arm**

- Allows painter to spray hard to reach places
- Extension arm fits spray gun models
- Must be pressure fed from pressure tank or pump
- Available in 4', 6' and 8' lengths
- 73-131 adapter required for some spray guns (order separately). See chart on the right
- Spray gun not included (order separately)

Length	Extension Part No.
4'	54-296
6'	54-297













**SPRAY GUN COMPATIBILITY CHART** 





Fluid Delivery Low Pressure Siphon / Gravity / Pressure Feed Cups













81-540	<i>54-6106</i>	81-800 (Shown) /	80-294 (Shown) /	80-600 / 80-601 /	<i>80-295</i>
		81-810 / 81-820	80-511	80-651 (Shown)	

	Part No.	Description	Brand	Material Feed	Wetted Parts	Fluid Regulation	Air Agitator	Liner Part No.
	Sri-510	4 oz. Gravity Cup	Binks	Gravity	Acetyl (Composite)	No	No	None
	81-381	8 oz. Gravity Cup	Binks	Gravity	Aluminum	No	No	None
	54-6106	1 qt. Gravity Cup	Binks	Gravity	Aluminum	No	No	OMX-70-K48
	81-540	8 oz. Siphon Cup	Binks	Siphon	Aluminum	No	No	None
L	81-800	1 qt. Drip Free Cup	Binks	Siphon	Aluminum	No	No	None
	81-810	1 qt. Drip Free Cup	Binks	Siphon	Aluminum & Non-Stick	No	No	None
L	81-820	1 qt. Drip Free Cup	Binks	Siphon	Stainless Steel	No	No	None
	80-294	1 qt. Pressure Cup	Binks	Pressure	Aluminum	Yes	No	None
L	80-511	1 qt. Pressure Cup	Binks	Pressure	Stainless Steel	Yes	No	None
	80-295	2 qt. Steadi-Grip	Binks	Pressure	Aluminum	Yes	No	None
L	80-600	2 qt. Steadi-Grip	Binks	Pressure	Aluminum	Yes	No	80-356
	80-601	2 qt. Steadi-Grip	Binks	Pressure	Aluminum	Yes	Recip Agitator	80-356
Г	80-651	2 at. Steadi-Grip	Binks	Pressure	Aluminum	Yes	Rotary Agitator	80-356

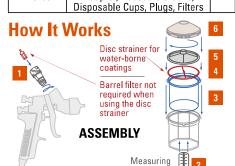
### **NFKUPS**

CUP SYSTEMS							
Part No.	Description	Qty.					
DPC-601	24 oz. Disposable Cup / Lid	32					
DPC-602	9 oz. Disposable Cup / Lid	32					
DPC-600	34 oz. Disposable Cup / Lid	32					
DPC-606	24 oz. Reusable Sleeve / Lid	2					
DPC-607	9 oz. Reusable Sleeve / Lid	2					
DPC-608	34 oz. Reusable Sleeve / Lid	2					
DPC-503-K24	3 oz. Vented Disposable Cup / Lid	24					
DEMO KIT							
Part No.	Description	Qty.					
DPC-654	24 oz. Demo Trial Kit with Adapter, Reusable Sleeve,	1					

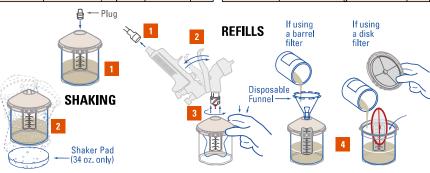
ADAI ILIIO							
Part No.	Compatible Spray Gun	Qty.					
DPC-31	Trophy, Compact, JGA, EXL, FLG, SV100, 95-G, Graco® XT	1					
DPC-23	Trophy Touch Up, SRI, Cub, Compact Mini	1					
DPC-10	SV50 Full Size, Graco Finex, SATA® NR2000, RP, Sata Jet 90 Series	1					
DPC-11	SATA NR95, Iwata® LPH 400 and W400	1					
DPC-77	Graco® AirPro	1					
DPC-78	Kremlin, Iwata SuperNova, Iwata Air Gunsa, LPH300 and W300	1					
DPC-500	Converter for 3M Adapters	1					
DPC-502	SATA Mini Conversion Adapter	1					
DPC-501	SATA 3000 / 4000	1					
DPC-79-K1	Suction: Trophy Touch Up, Cub	1					
DPC-69-K1	Suction Conversion Adapter	1					
DPC-26	Accuspray® Adapter	1					

ADAPTERS

	ACCESSORIES							
Part No.	Description	Qty.						
DPC-60-K10	Measuring Guide 9 oz.	10						
DPC-59-K10	Measuring Guide 24 oz.	10						
DPC-61-K10	Measuring Guide 34 oz.	10						
DPC-65-K24	Disk Filters 125 Micron 9 oz.	24						
DPC-42-K24	Disk Filters 125 Micron 24 oz and 34 oz	24						
DPC-67-K24	Disk Filters 200 Micron 9 oz.	24						
DPC-66-K24	Disk Filters 200 Micron 24 oz. and 34 oz	24						
DPC-27-K10	Barrel Filter - 200 Micron	10						
DPC-17-K10	Barrel Filter - 300 Micron	10						
DPC-14-K10	Barrel Filter - 600 Micron	10						
DPC-22-K24	Disposable Funnels	24						
DPC-6-K10	Orange Plugs	10						
DPC-44	Cleaning Brush	1						
DPC-8	Cleaning Bottle	1						



Guide



The DeKups® System is covered by U.S. Patent Nos. 6,820,824 and 7,374,111, owned by 3M Innovative Properties Co., additional U.S. Patent Nos. 7,380,680; 7,354,074; 7,353,964; 7,350,418; 7,344,040; 7,263,893; 7,165,732; 7,086,549.













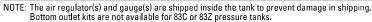
### Fluid Delivery Pressure Feed Tanks

#### **Zinc-Plated & Stainless Steel 2.8 gal. Pressure Tanks**

Binks ASME code PT tanks are a great choice in a 2 gallon pressure tank when spraying up to 80 psi of fluid pressure.

- Choose 83C tanks for solvent-borne coatings
- Choose 83Z tanks for water-borne coatings

Air Regulation	Fluid Agitation	Zinc-Plated Throughout, Including Lid, Wetted Parts & Tank Shell	Zinc-Plated Tank Shell, Stainless Steel Lid & Wetted Parts		
Single Reg	No Agitation	83C-210	83Z-210		
Double Reg	No Agitation	83C-220	83Z-220		
Single Reg	Std. Agitation (D)	83C-211	83Z-211		
Double Reg	Std. Agitation (D)	83C-221	83Z-221		
Disposable Liner	_	PT-78-K10 or K60	PT-78-K10 or K60		
Head Gasket	_	PT-33-1	PT-33-1		
Service Bulletin	_	SBBI-21-044	SBBI-21-043		







w/ 2 Regulators PART NO.: 83C-220



w/ Agitator (2 Regulators)
PART NO.: 83C-221

### Galvanized Steel 2, 5, 10 and 15 Gallon Pressure Tanks

Binks 183G- ASME Code Tanks give you application flexibility for most solvent-borne applications.



All 183G Tanks Include Fill Port

ASME CODE GALVANIZED CARBON STEEL TANKS									
Single Regulated	Double Regulated	Single Regulated with Extra Sensitive Regulator	Double Regulated with Extra Sensitive Regulator	Direct Drive Agitator	20:1 Gear Reduced Agitator	2 gal. Tank Part No.	5 gal. Tank Part No.	10 gal. Tank Part No.	15 gal. Tank Part No.
						183G-200	183G-500	183G-1000	183G-1500
						183G-210	183G-510	183G-1010	183G-1510
						183G-211	_	_	_
						183G-213	183G-513	183G-1013	183G-1513
						183G-220	183G-520	183G-1020	183G-1520
						183G-221	_	_	_
						183G-223	183G-523	183G-1023	183G-1523
						183G-230	183G-530	183G-1030	183G-1530
						183G-231	_	_	_
						183G-233	183G-533	183G-1033	183G-1533
						183G-240	183G-540	183G-1040	183G-1540
						183G-241			_
						183G-243	183G-543	183G-1043	183G-1543



**2 gal.**PART NO.: 183G-210



**5 gal. PART NO.**: 183G-523

















### Fluid Delivery Pressure Feed Tanks

#### **Stainless Steel Pressure Tanks**

Binks 183S- ASME Code Tanks give you application flexibility with our best chemical resistance. Suitable for water-borne coatings.

	ASME CODE STAINLESS STEEL TANKS								
Single Regulated	Double Regulated	Single Regulated with Extra Sensitive Regulator	Double Regulated with Extra Sensitive Regulator	Direct Drive Agitator	20:1 Gear Reduced Agitator	2 gal. Tank Part No.	5 gal. Tank Part No.	10 gal. Tank Part No.	15 gal. Tank Part No.
						183S-200	183S-500	183S-1000	183S-1500
						183S-210	183S-510	183S-1010	183S-1510
						183S-211	_	_	_
						183S-213	183S-513	183S-1013	183S-1513
						183S-220	183S-520	183S-1020	183S-1520
						183S-221	_	_	_
						183S-223	183S-523	183S-1023	183S-1523
						183S-230	183S-530	183S-1030	183S-1530
						183S-231	_	_	_
						183S-233	183S-533	183S-1033	183S-1533
						183S-240	183S-540	183S-1040	183S-1540
						183S-241	_	_	_
						183S-243	183S-543	183S-1043	183S-1543



All 183S Tanks Include Fill Port



5 gal.
PART NO.: 183S-510

#### 30 & 60 Gallon Tanks

Binks ASME code 30 and 60 gallon tanks are ideal for larger jobs such as line striping or supporting multiple guns. Choose galvanized units for most applications. Choose stainless steel fitted galvanized tanks for water-borne applications.

	ASME CODE 30 & 60 GALLON TANKS								
Single Regulated	20:1 Gear Reduced Agitator	30 Gallon Tank in Galvanized Steel	60 Gallon Tank in Galvanized Steel	30 Gallon Shell in Galvanized Steel (for a Stainless Steel Fitted Tank)	60 Gallon Shell in Galvanized Steel (for a Stainless Steel Fitted Tank)				
		83-5801	83-5701	83-5873 Plus 30 Gallon Liner (See Below)	83-5773 Plus 60 Gallon Liner (See Below)				
		83-5807	83-5707	83-5879 Plus 30 Gallon Liner (See Below)	83-5779 Plus 60 Gallon Liner (See Below)				

30 & 60 GALLON TANK LINERS							
Top Outlet Bottom Outlet (Includes Bottom Outlet Kit) 30 Gallon SS Liner 60 Gallon SS Line							
		83-1569	83-1581				
		83-2230	83-2229				



#### **Bottom Outlet Kits for 183G- & 183S- ASME Code Tanks:**

Bottom outlet kits include sturdy steel legs, mounting fasteners, fittings, and outlet pipe.



	Bottom Outlet Kit	Fluid Outlet if Using Bottom Outlet Kit
2 Gallon Tanks	183-3000	3/4" npt (m) or 3/4" nps (m)
5, 10 and 15 Gallon Tanks	183-3001	3/4" npt (m) or 3/4" nps (m)

**183-3005**: One leg plus fasteners. Order one to replace a damaged leg. Order three to raise a tank without bottom outlet plumbing.













### Fluid Delivery Solvent Savers & Tank Liners

#### **Solvent Saver**

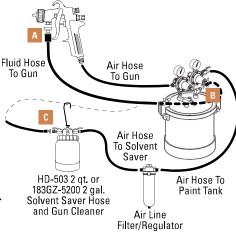


DEVILBISS
2 qt. Hose/
Gun Cleaner
Aluminum
& Brass
Construction
PART No.: HD-503



#### BINKS

2 gal. Solvent Saver Galvanized Steel, Aluminum & Brass Construction PART NO.: 183GZ-5200



#### TO ORDER QD KIT:

(2) P-HC-4808-1 QD Body for fluid hose (3) P-HC-4482 QD Stem for gun, tank, solvent saver

#### **How to Use the Solvent Saver**

#### TO FLUSH FLUID HOSE & GUN:

- 1. Shut off air pressure to tank loosen tank lid
- 2. Loosen air cap on spray gun 2-3 turns
- Hold rag over air cap, pull trigger, blow atomizing air backward through fluid line into tank
- 4. Remove QD "B" from tank and connect to QD stem "C" on solvent saver
- 5. Turn off atomizing air to the spray gun
- **6.** Open ball valve on solvent saver while pulling trigger on spray gun
- 7. Spray solvent into a grounded waste container until it sprays clear
- 8. Air/solvent "chop" is cleaning fluid hose and spray gun
- 9. Connect QD "C" back onto QD Stem "B" on pressure tank
- 10. If desired, remove QD "A" and attach to QD "C" to flush solvent through pick-up tube of paint tank

#### **Pressure Tank Liners**



- Disposable anti-static polyethylene liners
- Seamless, vacuum-formed pail liners have a contoured lip that snaps over a pail's top bead to prevent leakage between the pail liner and the pail wall

Part No.	Size	ize Tank Series		Liner Dia.	Liner Ht.	Liner Wt.	Shell Inside Dia.	
Liners for 2 qt.	SG-2 Cups							
80-356	2 qt.	80-350/80-351, 80-451, 80-600, 80-601, 80-651	12	6"	6 1/4"	1 oz.	5.9"	
Liners for A.S.M.E. Stainless Steel Pressure Tanks								
6-238-60	2 gal.	83-155XX, 183S & 183G Series	60	9"	10 3/4"	3 oz.	9"	
PT-78-K10	2.8 gal.	83Z-2XX, 83S-2XX, QMST-52XX*, 183S & 183G Series	10	9 1/4"	9 1/2"	3 oz.	9 1/2"	
PT-78-K60	2.8 gal.	83Z-2XX, 83S-2XX, QMST-52XX*, 183S & 183G Series	60	9 1/4"	9 1/2"	3 oz.	9 1/2"	
6-277	5 gal.	83-154XX, 183S & 183G Series	15	13 9/16"	15 3/4"	9.8 oz.	14"	
6-278	10 gal.	83-153XX, 183S & 183G Series	12	14"	19 1/2"	10 oz.	14"	
PTL-408-K20	9.8 gal.	83S-5XX, QMST-55XX*, 183S & 183G Series	20	13 9/16"	15 3/4"	9.8 oz.	14"	
PTL-412-K8	11.8 gal.	83S-10XX, QMST-510XX*, 183S & 183G Series	8	13 1/2"	18 5/8"	10 oz.	14"	
PTL-415-K10	19 <b>.</b> 8 gal.	83S-15XX, QMST-515XX*, 183S & 183G Series	10	13 11/6"	27 9/16"	16 oz.	14"	
Liners for A.S.I	M.E. Galva	nized (Zinc-Plated) Steel Pressure Tanks						
6-238-60	2 gal.	83-5XX, 183S & 183G Series	60	9"	10 3/4"	3 oz.	9"	
PT-78-K10	2 <u>.</u> 8 gal.	83C-2XX, 83G-2XX, QMGT-52XX*, 183S & 183G Series	10	9 1/4"	9 1/2"	3 oz.	9 1/2"	
PT-78-K60	2.8 gal.	83C-2XX, 83G-2XX, QMGT-52XX*, 183S & 183G Series	60	9 1/4"	9 1/2"	3 oz.	9 1/2"	
6-239	5 gal.	83-54XX, 183S & 183G Series	24	11 15/16"	15 3/4"	6.3 oz.	12"	
6-240	10 gal.	83-53XX, 183S & 183G Series	12	13 5/8"	21"	10.5 oz.	14"	
PTL-408-K20	9.8 gal.	83G-5XX, QMST-55XX*, 183S & 183G Series	20	13 9/16"	15 3/4"	9.8 oz.	14"	
PTL-412-K8	11.8 gal.	83G-10XX, QMGT-510XX*, 183S & 183G Series	8	13 1/2"	18 5/8"	10 oz.	14"	
PTL-415-K10	19.8 gal.	83G-15XX, QMGT-515XX*, 183S & 183G Series	10	13 11/16"	27 9/16"	16 oz.	14"	
<b>Liners for PT S</b>	eries Stee	Pressure Tanks						
PT-78-K10	2.8 gal.	PT-Series*	10	9 1/4"	9 1/2"	3 oz.	9 1/2"	
PT-78-K60 2.8 gal. PT-Series*		60	9 1/4"	9 1/2"	3 oz.	9 1/2"		
Liner for 5 gal.	Pail							
PL-5GAL-K40	5 gal.	Pail	40	11 1/4"	13"	4.5 oz.	11 1/2"	

Most common liners in Green \* Note: QMGT, QMST & PT Series tanks are no longer available for purchase













Fluid Delivery Low Pressure Pumps

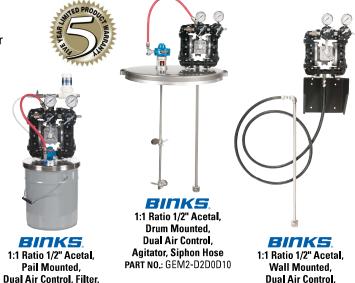
#### **Binks Gemini II Double Diaphragm Pumps**

Binks Gemini II Diaphragm Pumps are the premier pumps for spraying, transferring, or circulating a variety of coatings. The pump design provides consistent spray patterns for high quality finish applications. The Gemini II pumps are rugged and designed to provide longer pump life.

- Up to 38% More Fluid Delivery Per Stroke
   Longer equipment life and lower maintenance costs
- Short Stroke Pump Specifically Designed for Spraying Applications

Pulsation reduction is greater than competition

- Customized Pump Packages
   Design a pump package for a specific application
- Pump Outfits Available with Trophy Guns
   Trophy guns feature a new lightweight and ergonomic design
- 5-Year Limited Product Warranty
   The finishing industry's best warranty



Additional information for Gemini II Series Pumps and outfits available in catalog A41-108.

Agitator, Siphon Hose

PART NO: GEM2-P2D1D20

#### Binks Pogo Plus Low Pressure Pumps For High Volume Fluid Transfer & Spray Applications



Pogo Plus series, two-ball, double acting piston "stick" pumps are designed for the application and transfer of low-medium viscosity fluids. Models are available in Stainless Steel with either PTFE or UHMWE packings and are compatible with a wide variety of materials including water or solvent-borne paints and adhesives and most solvents. Pogo Plus pumps have a 4:1 ratio and are available with maximum pressure ratings of 290 psi or 500 psi.

- Patented Air Motor Design
   Utilizes AX55 air motor to provide
   quick changeover and reduced pulsation
- Durable Pump Design Reduces maintenance cost
- Customized Pump Packages
   Design a pump package for a specific application
- Pump Outfit Available with Trophy Gun
   Trophy guns feature a new lightweight and

ergonomic design

5-Year Limited Product Warranty
 The finishing industry's
 best warranty

**Suction Hose Assembly** 

PART NO.: GEM2-W2D0040

SPRAY FINISHING OUTFITS								
Outfit	98-3063	98-3062						
Pump	PX1304-5U	PX1304-5U						
Gun	Trophy Conventional 2465-18CN-11S0	2100 66SS x 66SD-3						
Air Control	41-28272	41-28272						
Air Hose 25 ft.	71-4803	71-4803						
Fluid Hose 25 ft.	71-3303	71-3303						
Drum Bung Adaptor	41-28331	41-28331						

	POGO PLUS PUMP PERFORMANCE							
	PX1304-5U	PX1304-5P	PX1304-8U	PX1304-8P				
Pressure Ratio	4:1	4:1	4:1	4:1				
Air Inlet Pressure (bar)	0-72.5 psi (5)	0-72.5 psi (5)	0-116 psi (8)	0-116 psi (8)				
Fluid Pressure (bar)	0-290 psi (20)	0-290 psi (20)	0-500 psi (34)	0-500 psi (34)				
Cycles Per Gallon	47	47	47	47				
Displacement Per Cycle	2.7 (81 cc)	2.7 (81 cc)	2.7 (81 cc)	2.7 (81 cc)				
Flow @ 60 Cycles/Min	1.3 gal. (4.91l/m)	1.3 gal. (4.91l/m)	1.3 gal. (4.91l/m)	1.3 gal. (4.91l/m)				
Packing Material	UHMW	PTFE	UHMW	PTFE				













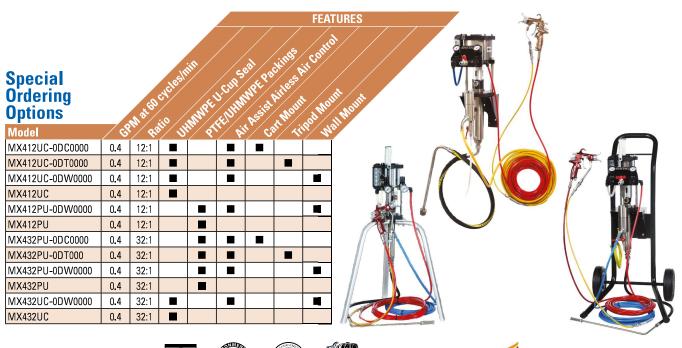
### Fluid Delivery Air Assisted Airless Medium

### Pressure Pumps



- 12:1 and 32:1 ratio packages
- .4 GPM fluid delivery
- Ideal for thin to medium viscosity coatings
- Designed for single gun applications
- Cart, tripod or wall mount options
- Complete packages include gun, hose, air controls, filter and siphon hose

V. PEAR	S PROD	NOT WARRAW	o sl	idin	, seal	Packings	In with	un with	with	Gun vi	FEATU All	Contro			fill	et dirthese	
Standard Outfits		matel	cycle	MAPE	J.Cup Age	501310 (18	Spratui Spratui	Spray no	M 501310	Assist Assist	airles di	pod Moi	nt Moun	dinless.	sallon Si	et Adhori Adhiridand Arithose	
Model	68	Miga		Sin/ de	L'AN	W BELL	TO. BURN	10. 60 V	W. VI	, Cs	11/11	6 11	ar/cy	811/ PC	38/V;		
MX412UC-EDC1S25	0.4	12:1		ĺ			ĺ	ĺ									
MX412UC-FDC1S25	0.4	12:1														ĺ	
MX412UC-EDT1S25	0.4	12:1														]	
MX412UC-FDT1S25	0.4	12:1														ĺ	
MX412UC-EDW1S25	0.4	12:1														]	
MX412UC-FDW1S25	0.4	12:1														ĺ	
MX432PU-GDC1S25	0.4	32:1														]	
MX432PU-HDC1S25	0.4	32:1															
MX432PU-GDT1S25	0.4	32:1														]	
MX432PU-HDT1S25	0.4	32:1															
MX432PU-GDW1S25	0.4	32:1														]	
MX432PU-HDW1S25	0.4	32:1														]	















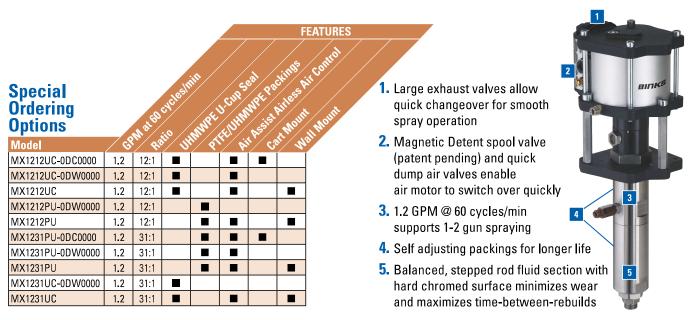


# Fluid Delivery Air Assisted Airless Medium Pressure Pumps



- 12:1 and 31:1 ratio packages
- 1.2 GPM fluid delivery
- Ideal for thin to medium viscosity coatings
- Supports 1-2 guns in air assisted airless applications
- Cart or wall mount options
- Complete packages include gun, hose, air controls, filter and siphon hose

WHA STATE	S PRODU	GT WARRAY	lest	ilin	Seal	E Packings	In with	un with	with the	FE/	ATURE	S in Contr		J. Fill	iet i laithese	
Standard Outfits	િલ્	Mat 60	cycr	MMPE	J.C.L. MINE	Spratic	th sprain	A Spray La	10 300 A.O. 3.0	Assist Co	Moun	all Mour	ainless s	ialons	ed hind and Air Hose and Air Hose	
Model	/ 6	/ &		·/ <u> </u>	· \ \ \ \ \ \	, b. 1	1 B. 1	· / b. /	, b	./ 0	/ 1/	/ 5	/ 5	/ <b>v</b>		
MX1212UC-EDC1S25	1.2	12:1														
MX1212UC-FDC1S25	1.2	12:1														
MX1212UC-EDW1S25	1.2	12:1														
MX1212UC-FDW1S25	1.2	12:1														
MX1231PU-GDC1S25	1.2	31:1														
MX1231PU-HDC1S25	1.2	31:1														
MX1231PU-GDW1S25	1.2	31:1														
MX1231PU-HDW1S25	1.2	31:1														















# Fluid Delivery Airless & Air Assisted Airless High Pressure Pumps



### Binks MX Series Heavy Duty Airless & Air Assisted Airless Spray Outfits

Binks MX Pumps are a completely new design in air operated pump technology using a patented magnetic detent to provide fast changeover of the piston stroke with virtually no pulsation. The result is more speed with a more consistent finish.

The MX pumps are available in ratios of 36:1, 42:1, 60:1 and 70:1 with fluid deliveries of 3.0 or 3.5 GPM.

#### **Typical Applications:**

#### Corrosion Protection For –

- Steel fabrications and structures
- Pipe
- Storage tanks

- Marine and ship building
- Off road vehicles
- Trailer and railcar manufacturers



- Air controls included for pump and/or air assist spray gun applications
- 2. Air motor silencer for quiet operation
- 3. "No-Ice" air motor design keeps the pump from icing up
- Patented anti-stall magnetic detent technology with quick exhaust valves feature low to no ice operation and uninterrupted production
- 5. Self adjusting packings increase life with even wear
- 6. Flat free tires require no maintenance













#### **MX Series Ordering Information**

MX3560 60:1 pump carbon steel lower fluid section with PTFE/UHMW packings sold with a 100 mesh filter, 5 gal. siphon kit, Airless 7500 gun w/ fluid tube no tip, 50' airless hose with 5' whip hose.

\*Specify tip separately when ordering

#### **ORDERING SYSTEM FOR AIRLESS OUTFITS**

	Α	В		C		D	Ε	F	G	Н
MX	35	60	PU-	C	Α	C	5	S	1	2
Α		OUT	PUT			Е		FILTE	R	
30	=	3.0 G	PM			1	=	100 N	1esh	
35	=	3.5 G	PM			3	=	30 M	esh	
В		<b>RATI</b>	0			5	=	50 M	esh	
36	=	36:1				_ 7	=	70 M		
42	=	42:1				F		SIPH	ON	
60	=	60:1				0	=	None		
70	=	70:1				S	=	5 Gall		
C			ERIA			T	=	55 Ga		
С	=		on Ste			G		GUN		
S	_		less S	-		0	=	No G	un	
D	_		INTIN			1	=	Airles		
			IN I III	10					7500-	1
С	=	Cart				Н		HOS	E	
W	=	Wall				0	=	None		
						2	=	25 Fe	et	
						5	=	50 Fe	et	

	AIR ASSISTED AIRLESS OUTFITS			
98-3230 Single Gun Outfit	Outfit Components	98-3231 2 Gun Outfit		
1	MX3536PU-C4C5500 36:1 Ratio, 3.5 GPM Pump, Carbon Steel Fluid Section, Cart Mount, with 50 Mesh Fluid Filter and 5 Gal. Siphon Tube	1		
1	53' Air Tubing for Atomizing Air	2		
1	50' High Pressure Fluid Hose (1/4" I.D. / 4,000 psi)	2		
1	3' High Pressure Whip Hose (1/8" I.D. / 5,000 psi)	2		
1	Air Controls for 1 or 2 Guns	2		
1	0909-4400-HT0000 AA4400M Air Assisted Airless Spray Gun with HVLP Air Cap and Twist Tip Guard (Tip Not Included - Order Separately)			

Note: Twist tip not included - order separately

- 7. Heavy duty cart with lower "grab" handles for easy lifting
- Carbon or stainless steel housing with ceramic coated step rod design reduces friction in the pump rod movement and is proven tough to increase packing life
- Large 1 1/2" "knock off" fluid inlet for faster pump assembly and disassembly in the field





### Fluid Delivery Accessories

#### **MX Series Accessories, Spares & Kits**

Binks MX Accessories and Spares	MX3042	MX3536	MX3560	MX3070		
Airless 75 Gun with Stainless Steel Fluid Tube	0811-7500-1					
Airless 75 Gun Direct Connect		0811-7	7500-2			
Airless 75 Gun Direct Connect Large Passage		0811-7	7500-3			
Airless 75M Gun with 3/8" Fluid Opening		0811-7	7500-4			
Cart Assembly	41-282	80-200	41-282	280-MX		
Wall Bracket Assembly	104	116	104	1095		
Silencer		192	509			
2 or 3 Gun Outlet Kit		41-2	8294			
Binks Micro-Swivel 1/4" NPS (F) to 1/4" NPS (M) (7,550 psi)		72-2	2332			
Binks Micro-Swivel 1/4" NPS (F) to 3/8" NPS (M) (7,550 psi)	72-2333					
High Pressure Filter Elements						
30 Mesh	0114-014917					
50 Mesh	0114-014886					
70 Mesh		0114-0	)14884			
100 Mesh		0114-0	14883			
Air Motor Spares Kit	MX3042	MX3536	MX3560	MX3070		
Seal Kit	250	703	250	0645		
Cylinder Seal Kit	250	702	250	)648		
Hardware Kit	250	701	250	0650		
Air Valve Repair Kit		250	649			
Exhaust Seal Kit	250651					
Fluid Section Repair Kit	MX3042	MX3536	MX3560	MX3070		
Fluid Section Rebuild Kit	250665	250661	250661	250665		
Fluid Section Seal Kit	250663	250659	250659	250663		

Air Assist Airless packages are available by contacting Binks Customer Service.

#### **Airless Fluid Hose Assemblies**





	AIRLESS PAINT HOSE (CONDUCTIVE)							
Part No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material		
71-4830	1/4" i.d. x 25	4,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f)	Steel Plated		
71-4831	1/4" i.d. x 50	4,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f)	Steel Plated		
71-4840	1/4" i.d. x 25	10,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f)	Steel Plated		
71-4841	1/4" i.d. x 50	10,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f)	Steel Plated		
71-4850	3/8" i.d. x 25	3,500 psi	Nylon	Permanent w/ Spring Guards	3/8" nps (f)	Steel Plated		
71-4851	3/8" i.d. x 50'	3,500 psi	Nylon	Permanent w/ Spring Guards	3/8" nps (f)	Steel Plated		
71-4860	3/8" i.d. x 25'	8,000 psi	Nylon	Permanent w/ Spring Guards	3/8" nps (f)	Steel Plated		
71-4861	3/8" i.d. x 50'	8,000 psi	Nylon	Permanent w/ Spring Guards	3/8" nps (f)	Steel Plated		
WHIP-END FLUID HOSE ASSEMBLIES								
Part No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material		
71-8360	3/16" i.d. x 30"	3,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f) x 1/4" npt (m)	Steel Plated		
71-6844	1/8" i.d. x 3	5,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f) x 1/4" npt (m)	Steel Plated		
		Al	R ASSIST AIRLESS	FLUID HOSE ASSEMBLIES				
Part No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material		
71-4992	1/8" i.d. x 15	4,000 psi	Nylon	Permanent w/ Spring Guards	1/4" npt (f)	Stainless Steel		
71-4993	1/8" i.d. x 25	5,000 psi	Nylon	Permanent w/ Spring Guards	1/4" npt (f)	Stainless Steel		
71-4995	3/16" i.d. x 25	1,900 psi	Nylon	Permanent w/ Spring Guards	1/4" npt (f)	Stainless Steel		
	1/4" I.D. AIR TUBING (AIR ASSIST AIR SUPPLY TO GUN)							
Part No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	<b>Connection Material</b>		
71-4803	1/4" i.d. x 28	100 psi	Poly-Urethane (red)	None*	_	_		
71-4804	1/4" i.d. x 53	100 psi	Poly-Urethane (red)	None*	_	_		

<sup>\*</sup>See page 5-11 Catalog A28-100R Accessories Guide for connections













### Fluid Delivery Accessories

#### Binks Quick-Mixers for Container Sizes of 5 to 55 gallon

- Designed for standard and for extra heavy industrial uses
- All Purpose: Unsurpassed for paint, resins, chemicals, and slurries
- High Performance: Explosion-proof direct drive
- Air Motors: 1/2 HP (standard);
   Implosion-Type
- High shear mixer blades thoroughly mix
   5 gallons of paint in less than 60 seconds
- Rugged: Stainless steel shaft and impeller
- Specially welded stress points makes mixer virtually unbreakable

Model No. Complete:	149-873 (1/2 HP)	149-874 (1/2 HP)
Model No. Stainless Steel Mixer Only:	149-365 (shown)	149-693
Container Size:	5 and 10 gallons	55 gallons
Shaft Length x Diameter:	21 in. x 1/2 in.	40 in. x 1/2 in.
Impeller Diameter:	5 in.	5 in.
Shaft Length:	21 in.	40 in.
Shipping Weight:	9 lbs.	10 lbs.
Ref. Part Sheet:	77-2826	77-2826

#### **Binks Fluid Heaters**

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





#### **Binks Agitators**

5 gal. pail-mounted direct drive agitator fitted with zinc plated chromate cover.



See Catalog A41-114 for the full line of Binks Agitators

#### Binks Prospector™ Tank Strainers & Pail Strainers





Part No.	Description	Mesh Size	Pail Size
	BINKS PROSPECTOR™ TANK S	TRAINERS	
PTS-2Gal-K20-200	2-gal. Tank Strainer - 200 Micron	65 Wire Mesh	2-gal.
PTS-2Gal-K20-400	2-gal. Tank Strainer - 400 Micron	37 Wire Mesh	2-gal.
PTS-2Gal-K20-600	2-gal. Tank Strainer - 600 Micron	28 Wire Mesh	2-gal.
PTS-5Gal-K20-200	Tank Strainer - 200 Micron	65 Wire Mesh	5-gal., 10-gal. or 15-gal.
PTS-5Gal-K20-400	Tank Strainer - 400 Micron	37 Wire Mesh	5-gal., 10-gal. or 15-gal.
PTS-5Gal-K20-600	Tank Strainer - 600 Micron	28 Wire Mesh	5-gal., 10-gal. or 15-gal.
	BINKS PROSPECTOR™ PAIL ST	TRAINERS	
PS-5Gal-K20-200	5-gal. Pail Strainer - 200 Micron	65 Wire Mesh	5-gal.
PS-5Gal-K20-400	5-gal. Pail Strainer - 400 Micron	37 Wire Mesh	5-gal.
PS-5Gal-K20-600	5-gal. Pail Strainer - 600 Micron	28 Wire Mesh	5-gal.

#### Binks "Strain-It" Cup Strainer







Part No.	Description	Mesh Size - Color
2Gal-81-82	Super Fine: Removes Lint and Particles	145 Wire Mesh - White
81-83	Fine: For Primers and More Viscous Materials	100 Wire Mesh - Blue
81-84	Medium: For Heavy Materials	80 Wire Mesh - Red

### Binks Fluid Pick-Up Tube Paint Strainer



Part No.	Description	Qty	Shipping Weight*
149-278	Fluid Pick-Up Tube Paint Strainer 50 Mesh, Brass with Polyethylene Gasket	10/Box	1.00 lbs.

<sup>\*</sup> Shipping weights approximate

### Binks Low Pressure In-Line Fluid Filter

Nickel plated body and stainless steel element screen for solvent or waterborne materials.



Part No.	Description	S.S. Element Screen
83-2922	50 mesh, 297 microns	83-2089
83-2923	80 mesh, 177 microns	83-2596
83-2924	100 mesh, 149 microns	83-1256
83-2925	150 mesh, 96 microns	83-2405
83-2926	200 mesh, 74 microns	83-2706













### Fluid Delivery Vinyl Ester Outfit



#### **Pump Ratio 37:1 - 2960 psi (204 bar)**

Ideally suited for Vinyl Ester applications requiring .5% to 3.5% catalyst ratios

#### Binks Vinyl Ester Spray Finishing Outfit - 105-1401

The Binks B8-D 37:1 ratio cart mount system is a complete pumping system which includes a Binks Century Vinyl Ester spray gun, cart, 50 ft. each of air, catalyst and material hose assemblies and a 55 gallon siphon hose assembly.

#### **Features & Benefits:**

- External mix Binks Century HVLP Vinyl Ester spray gun eliminates flushing
- HVLP complies with many environmental regulations and delivers excellent transfer efficiency
- Dual acting trigger lock
- Catalyst and 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

#### **B8-D Vinyl Ester Pump Specifications:**

- Air Motor: B8Pump Ratio: 37:1
- Main Air Inlet Size: 1/2" nps (m)
- Spray Gun: Binks Century Vinyl Ester HVLP Spray Gun (102-2545)
- Max Air Input Pressure: 80 psi (5.5 bar)
- Max Fluid Pressure: 2960 psi (204 bar)
- Air Req'd. @20 Cycles Per Min. @ 80 psi: 37 cfm (140 l/m)
- Resin Pump Wetted Parts: Stainless Steel, Tungsten Carbide, Chrome Plated Steel. PTFE, UHMWPE
- Catalyst Pump Wetted Parts: Stainless Steel, Silicone Rubber, PTFE

#### **Component Part Sheets:**

- 77-2897 Vinyl Ester System
- 77-2470 Flow Meter
- 77-2892 Fluid Section (101-9286)
- 77-2835 Catalyst Bottle
- 77-2882 Pulse Bottle
- 77-2520 Binks Century Vinyl Ester Spray Gun
- 77-2213 B8 Air Motor
- 77-2728 Catalyst Pump
- 77-2902 Small Cart
- 77-2881 Air Control
- 77-5300 Safety Booklet



The Binks vinyl ester system features the highly acclaimed Binks Century HVLP Vinyl Ester spray gun.

SYS	SYSTEM COMPONENT LIST							
Part No.	Description							
105-1401	Binks B8-D 37:1 Cart Mount Outfit							
102-2545	Century Vinyl Ester Spray Gun (Less Tip)							
108-9 Series	Tip Assembly - Order Separately (Ref. Part Sheet 77-2520 for 108-9 Tip Sizes)							
103-1789	B8-D Pump Assembly							
103-1733	Air Control Assembly							
103-1068	Siphon Kit 1"- 55 gallon							
102-3030	Catalyst Hose 50 ft.							
71-1206	Air Hose 50 ft.							
71-8425	Material Hose 50 ft.							
41-28050	Small Cart Assembly							













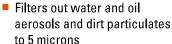
### **CleanAir Air Control Equipment**

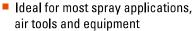
DeVilbiss has what you need to make your finishes nothing but the best. By adding air filtration to your finishing equipment, you are ensuring that contaminants such as dirt, oil and water won't appear in your finish because of dirty air.

#### **CleanAir Centrifugal Filter-Regulator Units**

Excellent for eliminating moisture and dirt from an air supply

DeVilbiss CleanAir centrifugal units supply cleaner, drier air to each spray gun in a system. This cleaner air can also increase the life of pneumatic tools.





 Water droplets collected in the bowl are removed by an automatic drain (standard feature) — no need to manually drain



HAF-503

CENTRIFUGAL AIR FILTER UNITS								
Part No.	HAF-502	HAF-503	HAF-505					
Filtering Capacity	5 micron	5 micron	.01 micron					
Flow Rate (CFM)	100 @ 90 psi	150 @ 90 psi	55 @ 90 psi					
Max. Inlet Pressure	150 psi / 10.3 bar	150 psi / 10.3 bar	150 psi / 10.3 bar					
Max. Operating Temp.	150°F / 65.6°C	150°F / 65.6°C	150°F / 65.6°C					
Inlet Port Size	1/2" NPT (F)	3/4" NPT (F)	1/2" NPT (F)					
Outlet Port Size	1/2" NPT (F)	3/4" NPT (F)	1/2" NPT (F)					
Bowl Capacity	17 oz.	34 oz.	17 oz.					
Shipping Weight	1 lb. 7 oz.	3 lbs. 1 oz.	1 lb. 8 oz.					
Auto Drain	Std.	Std.	Std.					
Service Bulletin	SB-6-146	SB-6-148	SR-6-152					

CENTRIFUGAL FILTER-REGULATOR UNITS								
Part No.	HFRL-508	HFRL-509	HFRL-511					
Filtering Capacity	5 micron	5 micron	5 micron					
Flow Rate (CFM)	60+	+08	120+					
Max. Inlet Pressure	150 psi / 10.3 bar	150 psi / 10.3 bar	150 psi / 10.3 bar					
Regulated Pressure Range (psi)	0 - 125	0 - 125	0 - 125					
Max. Operating Temp.	150°F / 65.6°C	150°F / 65.6°C	150°F / 65.6°C					
Inlet Port Size	1/2" npt (f)	3/4" npt (f)	3/4" npt (f)					
Regulated Outlets (w/ ball valve)	(1) 1/4" nps (m)	(2) 1/4" nps (m)	(4) 1/4" nps (m)					
Non-Regulated Outlets (w/ ball valve)	(1) 1/4" nps (m)	(1) 1/4" nps (m)	(1) 1/4" nps (m)					
Bowl Capacity	17 oz.	34 oz.	34 oz.					
Air Filter Included	HAF-502	HAF-503	HAF-503					
Quantity of Air Regulators/Model	(1) HAR-507	(1) HAR-507	(2) HAR-507					
Air Gauges (0 - 100 psi)	1	1	2					
Air Gauges (0 - 160 psi)	1	1	1					
Shipping Weight	9 lbs.	15 lbs.	18 lbs.					
Service Bulletin	SB-6-146	SB-6-148	SB-6-148					

#### FRC-650 All-In-One

filter, regulator and coalescer

#### A Unique Product in the Finishing Market

- FRC-650 All-In-One combines a filter, regulator and coalescer for shop air into one compact unit
- Four 1/4" nps (m) ball valves with unrestricted air passages, (three regulated plus one unregulated outlet)
- Automatic drains at each stage eliminate water build-up — no need to manually drain

#### **FRC-650 Specifications:**

- Type of Air Regulation: Diaphragm
- Air Inlet Port Size: 1/2" Pipe Thread—(1)
- Air Outlet Port Size: 1/4" nps (m)–(4)
- Regulated Air Outlets: 3
- Unregulated Air Outlets: 1
- Filtered Line Air Inlet: 1
- Max. Working Temperature: 170°F / 80°C
- Max. Air Inlet Pressure: 175 psi (12.3 kgf/cm2)
- Regulated Outlet Pressure: 0 –125 psi (0 – 8.8 kgf/cm2)
- Flow Rate: 100 cfm
- First Stage Filtering Capacity: 5 micron
- Second Stage Filtering Capacity: 1 micron
- Bowl and Body Construction: Aluminum
- Drain: Automatic
- Service Bulletin: SB-6-377

#### **CleanAir Three-Stage Desiccant Unit**

Provides the ultimate in clean dry air filter

- Ideally suited for low to medium production
- DAD-500 air-drying system includes three filtering units, as well as a wall mount bracket and desiccant filter change indicator



- Centrifugal and coalescer units include automatic bowl drain (standard feature) — no need to manually drain
- Coalescer filter includes filter change indicator
- Desiccant filter includes sight glass indicator (Changes color when desiccant needs replacement)

DAD-500* DESICCANT AIR DRYING SYSTEM						
Desiccant System Units	DAD-500 Air Drying System*					
Air Inlet	1/2" NPT (F)					
Air Outlet	1/2" NPT (F)					
Max. Operating Pressure (psi)	150					
Replacement Filters/Desiccant	DAD-1 <sup>†</sup>					
Service Bulletin	SB-6-156					
Air Flow Capacity (cfm)	25					

\*Includes HAF-502, HAF-505 and HAR-507 

†Shipping Weight Approx. 10 lbs.

















### Low Pressure Air & Fluid Hose & Connections

#### **Hose, Connections & Assemblies**

Sizes A	zes Available Bulk Hose		Bulk Hose Maximum Bend		Std. Reel Length in Ft.	Approx. Shipping Weight Based on	Hose Weight
i.d.	o.d.	Number	Pressure	Radius	1 Piece Reels	Ft. Per Reel	Per 100 Ft.
	PREM	IUM SPRAY	FINISHING	G AIR BU	LK HOSE CHAR	T – SMOOTH COVER	}
1/4"	1/2"	71-10000	250 psi	2 3/4"	500	50 lbs.	10 lbs.
5/16"	5/8"	71-11000	250 psi	3"	500	87 lbs.	16.2 lbs.
3/8"	11/16"	71-12000	250 psi	3 1/2"	500	96 lbs.	18 lbs.
1/2"	7/8"	71-13000	250 psi	5"	300	86 lbs.	26.8 lbs.
3/4"	1 1/8"	71-14000	250 psi	6"	300	112 lbs.	35 lbs.
FLUIDA	LL™ FLU	ID BULK HO	SE CHART (	NYLON L	INED, MAX. VE	RSATILITY) – SMOC	TH COVER
1/4"	1/2"	71-280	500 psi	3"	500	43 lbs.	8 lbs.
3/8"	11/16"	71-282	500 psi	3 1/2"	500	83 lbs.	15 lbs.
1/2"	7/8"	71-283	750 psi	5"	300	74 lbs.	22 lbs.
3/4"	1 3/16"	71-284	750 psi	8"	300	118 lbs.	36 lbs.
1"	1 1/2"	71-285	750 psi	12"	300	168 lbs.	53 lbs.









Type A. Plated Brass

Type B. Plated Brass

Type C. Plated Brass

CONNECTIONS FOR PREMIUM & STATIC WIRE AIR HOSE								
Hose	e Size	Bulk	Connec	tions	Compression	Tuna		
i.d.	o.d.	Hose No.	Thread	Part No.	Sleeve	Туре		
			1/4" nps(f)	72-1303	HC-20-K10	Α		
1/4"	1/2"	71-10000	3/8" nps(f)	72-1306	HC-20-K10	Α		
			3/8" nps(f)s.s.	72-2143*	72-854-5	Α		
		74 44000	1/4" nps(f)	72-1317	HC-12-K10	Α		
5/16"	5/8"	71-11000 71-20000	1/4" npt(m)	72-1478	HC-12-K10	В		
		71-20000	3/8" nps(f)	72-1320	HC-12-K10	Α		
			1/4" nps(f)	72-1325	HC-23-K10	Α		
3/8"	11/16"	71-12000	3/8" nps(f)	72-1328	HC-23-K10	Α		
			3/8" nps(f)s.s.	72-2146*	72-854-5	Α		
	7/8"		3/8" nps(f)	72-1333	HC-33	Α		
1/2"		71-13000	1/2" nps(f)	72-1334	HC-33	Α		
			1/2" nps(f)	72-954 <sup>†*</sup>	-	С		
			3/4" nps(f)	72-1336 <sup>†</sup>	_	С		
2/4"	1 3/16"	71-14000	3/4" nps(f)	72-417 <sup>†</sup>	_	С		
3/4"	1 3/10	/1-14000	3/4" nps(f)	72-955 <sup>†*</sup>		С		
			3/4" nps(f)	72-1935	_	_		
		ERGOFLE	X™ AIR HOSE	CONNEC	TIONS			
3/8"	.646"	71-31000	1/4" nps(f)	72-2008	HC-12-K10	Α		

	CONNECTIONS FOR FLUIDALL™ FLUID HOSE								
Hose	Size	Bulk	Connec	tions	Compression	Tuno			
i.d.	o.d.	Hose No.	Thread Part No.		Sleeve	Туре			
			1/4" nps(f)	72-1303	HC-20-K10	Α			
1/4"	1/2"	71-280	3/8" nps(f)	72-1306	HC-20-K10	Α			
			3/8" nps(f)s.s.	72-2143*	<b>7</b> 2-854-5	Α			
			1/4" nps(f)	72-1325	HC-23-K10	Α			
3/8"	11/16"	71-282	3/8" nps(f)	72-1328	HC-23-K10	Α			
			3/8" nps(f)s.s.	72-2146*	72-856-5	Α			
			3/8" nps(f)	72-1333	HC-33	Α			
1/2"	7/8"	71-283	1/2" nps(f)	72-1334	HC-33	Α			
			1/2" nps(f)	72-954†*	I	С			
			3/4" nps(f)	72-1336 <sup>†</sup>		С			
3/4"	1 3/16"	3/4	3/4" nps(f)	72-417 <sup>†</sup>		С			
3/4	1 3/10	71-284	3/4" nps(f)	72-955†*	I	С			
			3/4" nps(f)	72-1935	I				
			1" nps(f)	72-418 <sup>†</sup>		С			
1"	1 1/2"	1/2" 71-285	1" nps(f)	72-956*		С			
			1" nps(f)	72-1936		_			

<sup>†</sup>Push-Lok Connection \*Stainless Steel Tailpiece

	1/4" I.D. AIR TUBING ASSEMBLIES (LOW PRESSURE – AIR ASSIST SUPPLY)									
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material			
54-4989	54-4987	1/4" i.d. x 3/8" o.d. x 25 ft.	100 psi	Polyurethane (red)	None	n/a	n/a			
71-4800	54-4987	1/4" i.d. x 3/8" o.d. x 35 ft.	100 psi	Polyurethane (red)	None	n/a	n/a			
71-4801	54-4987	1/4" i.d. x 3/8" o.d. x 50 ft.	100 psi	Polyurethane (red)	None	n/a	n/a			
71-4803	54-4987	1/4" i.d. x 3/8" o.d. x 28 ft.	100 psi	Polyurethane (red)	None	n/a	n/a			
71-4991	54-4987	1/4" i.d.x 3/8" o.d. x 25 ft.	100 psi	Polyurethane (red)	1 ea 54-4976 Tubing Connector	1/4" nps(f)	Brass Plated			
71-4804	54-4987	1/4" i.d. x 3/8" o.d. x 53 ft.	100 psi	Polyurethane (red)	None	n/a	n/a			













### **Low Pressure Air & Fluid Hose Assemblies**

#### **Air Hose Assemblies**

	PREMIUM AIR HOSE ASSEMBLIES (LOW PRESSURE)								
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material		
71-1101	71-10000	1/4" i.d. x 1/2" o.d. x 5 ft.	250 psi	E.P.D.M.	72-1303	1/4" nps (f)	Brass Plated		
71-1105	71-10000	1/4" i.d. x 1/2" o.d. x 25 ft.	250 psi	E.P.D.M.	72-1303	1/4" nps (f)	Brass Plated		
71-1106	71-10000	1/4" i.d. x 1/2" o.d. x 50 ft.	250 psi	E.P.D.M.	72-1303	1/4" nps (f)	Brass Plated		
71-1201	71-11000	5/16" i.d. x 5/8" o.d. x 5 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated		
71-1203	71-11000	5/16" i.d. x 5/8" o.d. x 15 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated		
71-1205	71-11000	5/16" i.d. x 5/8" o.d. x 25 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated		
71-1206	71-11000	5/16" i.d. x 5/8" o.d. x 50 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated		
71-1209	71-11000	5/16" i.d. x 5/8" o.d. x 6 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated		
71-1355	71-12000	3/8" i.d. x 11/16" o.d. x 25 ft.	250 psi	E.P.D.M.	72-1325	1/4" nps (f)	Brass Plated		
71-1356	71-12000	3/8" i.d. x 11/16" o.d. x 50 ft.	250 psi	E.P.D.M.	72-1325	1/4" nps (f)	Brass Plated		

	AIR HOSE ASSEMBLIES (GROUNDED WITH STATIC WIRE)								
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material		
71-2803	71-20000	5/16" i.d. x 5/8" o.d. x 25 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated		
71-2810	71-20000	5/16" i.d. x 5/8" o.d. x 35 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated		
71-2804	71-20000	5/16" i.d. x 5/8" o.d. x 50 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated		

	ERGOFLEX AIR HOSE ASSEMBLIES								
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material		
71-31101	H-36 <b>7</b> 0	.390 i.d. x .650 o.d. x 25 ft.	200 psi	E.P.D.M.	72-2008	1/4" nps (f)	Brass Plated		
71-31103	H-3670	.390 i.d. x .650 o.d. x 6 ft.	200 psi	E.P.D.M.	72-2008	1/4" nps (f)	Brass Plated		

#### Fluid Hose Assemblies

	FLUIDALL™ HOSE ASSEMBLIES (LOW PRESSURE)						
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
71-3260	71-280	1/4" i.d. x 1/2" o.d. x 5 ft.	500 psi	Nylon	72-1303	1/4" nps (f)	Brass Plated
71-3263	71-280	1/4" i.d. x 1/2" o.d. x 25 ft.	500 psi	Nylon	72-1303	1/4" nps (f)	Brass Plated
71-3279	71-280	1/4" i.d. x 1/2" o.d. x 9"	500 psi	Nylon	72-1303	1/4" nps (f)	Brass Plated
71-3380	71-280	1/4" i.d. x 1/2" o.d. x 5 ft.	500 psi	Nylon	72-1306	3/8" nps (f)	Brass Plated
71-3383	71-280	1/4" i.d. x 1/2" o.d. x 25 ft.	500 psi	Nylon	72-1306	3/8" nps (f)	Brass Plated
71-3384	71-280	1/4" i.d. x 1/2" o.d. x 50 ft.	500 psi	Nylon	72-1306	3/8" nps (f)	Brass Plated
71-3390	71-280	1/4" i.d. x 1/2" o.d. x 35 ft.	500 psi	Nylon	72-1306	3/8" nps (f)	Brass Plated
71-3663	71-280	1/4" i.d. x 1/2" o.d. x 25 ft.	500 psi	Nylon	72-2143	3/8" nps (f)	Stainless Steel
71-3300	71-282	3/8" i.d. x 11/16" o.d. x 5 ft.	500 psi	Nylon	72-1328	3/8" nps (f)	Brass Plated
71-3303	71-282	3/8" i.d. x 11/16" o.d. x 25 ft.	500 psi	Nylon	72-1328	3/8" nps (f)	Brass Plated
71-3304	71-282	3/8" i.d. x 11/16" o.d. x 50 ft.	500 psi	Nylon	72-1328	3/8" nps (f)	Brass Plated
71-3313	71-282	3/8" i.d. x 11/16" o.d. x 17"	500 psi	Nylon	72-1328	3/8" nps (f)	Brass Plated
71-3400	71-283	1/2" i.d. x 7/8" o.d. x 5 ft.	750 psi	Nylon	72-1334	1/2" nps (f)	Brass Plated
71-3403	71-283	1/2" i.d. x 7/8" o.d. x 25 ft.	750 psi	Nylon	72-1334	1/2" nps (f)	Brass Plated
71-3404	71-283	1/2" i.d. x 7/8" o.d. x 50 ft.	750 psi	Nylon	72-1334	1/2" nps (f)	Brass Plated
71-3360	71-285	1" i.d. x 1 1/2" o.d. x 5 ft.	750 psi	Nylon	72-1936	1" nps (f)	Brass Plated
71-3361	71-285	1" i.d. x 1 1/2" o.d. x 10 ft.	750 psi	Nylon	72-1936	1" nps (f)	Brass Plated
71-3367	<b>7</b> 1- <b>2</b> 85	1" i.d. x 1 1/2" o.d. x 8 ft.	750 psi	Nylon	72-1936	1" nps (f)	Brass Plated

	HOSE ASSEMBLY SETS (AIR & FLUID)						
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
6-438	71-131	5/16" i.d. x 5/8" o.d. x 25 ft. 3/8" i.d. x 11/16" o.d. x 25 ft.	250 psi	Rubber	72-1317	1/4" nps (f) air	Brass Plated
	71-282	3/8" i.d. x 11/16" o.d. x 25 ft.	500 psi	Nylon	72-1328	3/8" nps (f) fluid	Brass Plated
KB-4006	71-131	5/16"i.d. x 5/8" o.d. x 5 ft. 9 in.	250 psi	Rubber	72-1317	1/4" nps (f) air	Brass Plated
	71-280	1/4" i.d. x 1/2" o.d. x 6 ft. 3 in.	500 psi	Nylon	72-1306	3/8" nps (f) fluid	Brass Plated

E.P.D.M. = Ethylene Propylene Diene Rubber

















### **Accessories**

#### **Paint Suits**



DEVILBISS DISPOSABLE COVERALLS					
Part No.	Qty	Size			
803671	12/Case	Medium			
803672	12/Case	Large			
803673	12/Case	XL			
803674	12/Case	3XL			



DEVILBISS REUSABLE COVERALLS					
Part No.	Qty	Size			
803596	6/Case	Medium			
803597	6/Case	Large			
803598	6/Case	XL			
803599	6/Case	3XL			



	DEVILBIS	S REUSABLE LA	AB COATS
	Part No.	Ωty	Size
)	803664	6/Case	Medium
	803665	6/Case	Large
	803666	6/Case	XL
	803667	6/Case	3XL

#### **Disposable Respirators**



### DEVILBISS CHAMPION™ DISPOSABLE CARTRIDGE RESPIRATORS

Part No.	Description	Package Oty				
803611	DCR-502 Medium	1/bag-12/cs				
803612	DCR-503 Large	1/bag-12/cs				
803728	DCR-101-K3	3 Pair Replacement N95 Filters				

#### **Cartridge Respirator**

•			
		<b>BINKS MILLENNIU</b>	M 3000
and the second	Part No.	Size	Oty
	40-141	Small (Black)	1 Per Clam Shell
	40-128	Medium (Silver)	1 Per Clam Shell
	40-143	Large (Gold)	1 Per Clam Shell
	40-1921*	Filter Cartridge, Organic Vapor	2 Per Blister Card, 10 Blister Cards/Cs
40-1921	40-1924*	Pre-Filter, Oil Resistant	2 Per Blister Card, 10 Blister Cards/Cs
	40-1925	Filter Cartridge Covers	2 Per Blister Card
40-1924	40-1928	Tune-Up Kit	1 Per Polv Bag

<sup>\*</sup> Filter cartridges and Pre-Filters are also available in cases of 10 blister card packs
See Binks and DeVilbiss complete line of spray booth performance and safety products
catalog A29-55 online at binks.com

#### **Quick Disconnects**



	DEVILBISS HIGH FLOW AIR QUICK DISCONNECTS*				
	Part No.	Description	Thread		
	HC-1166	Hi-Flow QD Stem	1/4" npt (m)		
	HC-4419	Hi-Flow QD Stem	1/4" npt (f)		
6	HC-4719	Hi-Flow QD Body	1/4" npt (m)		
7	HC-4720	Hi-Flow QD Body	1/4" npt (f)		

\* Ideal for HVLP applications. See Accessories Catalog A28-100.

QUICK DISCONNECTS – BAYONETT STYLE (FLUID)					
Part No. Type		Description	Max. Working Pressure	Connection	Service Form
	Binks Style				
72-1804	Body (f)	Stainless Steel	500 psi	3/8" nps (m)	n/a
72-364	Stem (m)	Stainless Steel	500 psi	3/8" nps (f)	n/a
		DeVilbis	s Style		
P-HC-4808-1	Body (f)	Aluminum	500 psi	3/8" nps (m)	SB-12-001
P-HC-4482	Stem (m)	Hardened Steel	500 psi	3/8" nps (f)	SB-12-001
HC-513-1	Body (f)	Stainless Steel	500 psi	3/8" nps (m)	SB-12-001
QDL-4808	Body (f)	Delrin/Stainless	500 psi	3/8" nps (m)	SB-12-001
HC-4691	Stem (m)	Stainless Steel	500 psi	3/8" nps (f) Swivel	SB-12-001

BINKS QUICK DISCONNECTS (FLUID – SOLVENT BASED)					SED)
Part No.	Туре	Description	Max. Working Pressure	Connection	Service Form
72-885	Body (f)	Steel	250 psi	3/8" nps (m)	77-1759
72-887*	Stem (m)	Steel	250 psi	3/8" nps (f)	77-1759

<sup>\*</sup> Replacement o-ring for stem: 20-3620-5 (5-pack Viton)

# BINKS QUICK DISCONNECT ASSEMBLIES (FLUID – SOLVENT BASED) Part No. Description Max. Working Pressure Service Form 72-888 72-885 Body, 72-887 Stem\* 250 psi 77-1759

#### **Spray Gun & Pump Lubricants / Fluids**















<sup>\*</sup>Replacement o-ring for stem: 20-3620-5 (5-pack Viton)

### **Accessories**

#### **Filters**



# BINKS AF-HE SPRAY BOOTH EXHAUST FILTERS Part No. Description Oty Shipping Weight\*

1

21.00 lbs.

411	
VV	Part No
1	29-2186-

BINKS AF EXHAUST FILTERS					
	Part No.	Description	Qty	Shipping Weight*	
	29-2186-3	3' x 30' AF Paper Filter	3	63.00 lbs.	

3' x 30' AF-HE Blanket

	BINKS PAINT ARRESTOR EXHAUST FILTERS			
	Part No.	Description	Qty	Shipping Weight*
	29-158	20" x 25" Pads	70/Case	16.00 lbs.
ACTION STATE OF THE PARTY OF TH	29-159	20" x 20" Pads	70/Case	13.00 lbs.

BINKS SPRAY BOOTH EXHAUST FILTERS			
Part No.	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"	
29-3107	Receptor Filter Blanket	36" x 50' x 2"	
29-3109	Receptor Filter Blanket	45" x 50' x 2"	
29-3110	Receptor Filter Blanket	48" x 50' x 2"	

111111	BINKS TIGHT-SEAL™ INTAKE FILTERS			
	Part No.	Description	Ωty	Shipping Weight*
	29-486	20" x 20" x 1" Intake Filter	20/Case	15.00 lbs.

#### **Dirt Control**



DEVILBISS DIRT CONTROL FLOOR COATS			
Part No.	Description		
803491	Dirt Control Floor Coat 5 gal. Pail		
803492	Pump Sprayer		
29-3160	5 gal Pail & Pumn Sprayer		

#### **Disposable Floor Mat**



<sup>\*</sup> Shipping weights approximate

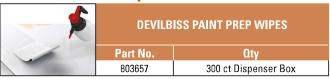


"	BINKS FLAME RETARDANT PAPER			
	Part No.	Description		
	70 LB. F00	T TRAFFIC		
16	29-843	36" x 500' Roll		
0	29-844	72" x 500' Roll		
	80 LB. HEAVIER TRAFFIC			
	29-863	36" x 300' Roll		
	29-864	42" x 300' Roll		
	29-865	60" x 300' Roll		
	100 LB. FORK	LIFT TRAFFIC		
V	29-872	36" x 300' Roll		
	29-875	42" x 300' Roll		
	29-873	60" x 300' Roll		

#### **Peelable Spray Booth Coating**

	BINKS BOOTHCOAT™ PEELABLE SPRAY BOOTH COATING		
	Part No.	Description	
	29-248	1 gal. Can - Dries Clear	
	29-249	5 gal. Pail - Dries White	
	29-249-55	55 gal. Drum - Dries White	

#### **Clean Surface Prep**



	DEVILBISS DEWIPE-OUTS™ & DEWIPE-OUTS™ REFILL CASE		
	Part No.	Description	Qty
	803045	85% IPA/15% DI Water – Normal Climates Formula	50 Wipes/ Pouch
	803046	50% IPA/50% DI Water – Dry Climates Formula	50 Wipes/ Pouch
	803418	Acetone Blend – Low VOC Formula	50 Wipes/ Pouch
	803048	DeWipe-Outs™ Refill Case	1

DEVILBISS TACK WIPE			
Part No.	Description	Qty	
803816	Moderate Tack: Cotton Individually Bagged	12/Box	

7	DEVILBISS ANTI-STATIC WIPE			
*	Part No.	Description	Qty	
4 + 4	803553	Individually Bagged	12/Case	















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BGK curing and controls **bgk.com** 



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