

Hose, Connections & Assemblies

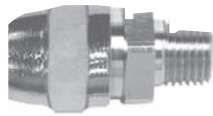
REUSABLE CONNECTIONS	5-2
UNDERSTANDING PRESSURE DROP	5-3
TECHNICAL DATA	5-4
BULK AIR HOSE & CONNECTIONS	5-5
BULK FLUID HOSE & CONNECTIONS	5-8
TUBING & CONNECTIONS	5-9
AIR HOSE ASSEMBLIES	5-12
FLUID HOSE ASSEMBLIES	5-14
FRP HOSE ASSEMBLIES	5-19
CATALYST HOSE ASSEMBLIES (FRP)	5-21

Hose, Connections & Assemblies

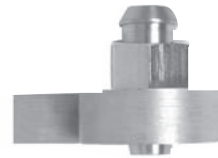
Reusable Connections



Type A. Plated Brass

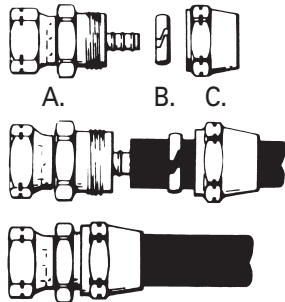


Type B. Plated Brass



Type C. Plated Brass

How to Install Compression Sleeve Type Connections

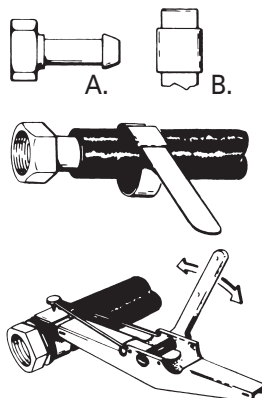


Place a matching double male nipple in a vise and tighten. Screw swivel nut onto fitting and tighten. Remove nut and sleeve from connector. Cut hose end square and slide nut over hose approximately 2 inches back from cut. Spread sleeve ring just enough to slide over hose easily. Push hose onto connector body, twisting hose slightly as you push to insure proper seating. Slide sleeve forward and tighten nut until connector body begins to turn. Remove double male nipple—hose and connection are ready to use. Tools required: vise, double male nipple, adjustable wrench, knife.

This connection consists of three (3) pieces:

- A. Swivel nut and connector body
- B. Sleeve
- C. Nut

How to Install Punch-Lok Type Connections



Place a matching double male nipple in a vise and tighten. Screw swivel nut onto fitting and tighten. Cut hose end square and slide Punch-Lok strap onto hose about 3 inches from cut end. Push hose onto connection tailpiece and slide strap forward to approximately 1/4 inch from connector body nut. Insert end of strap into Punch-Lok tool and tighten. Do not overtighten or strap will cut hose. Hold tension on strap and position punch. Strike punch with hammer to lock strap in place. The Punch-Lok tool, when moved up and down will sever excess strap. Remove double male nipple, and hose connection is complete. Tools required: Vise, Punch-Lok tool, double male nipple, adjustable wrench, knife, hammer.

This connection consists of two (2) pieces:

- A. Swivel nut with tailpiece
- B. Punch-Lok strap

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Understanding Pressure Drop

Pressure Drop Basics

Understanding pressure drop requires a basic knowledge of cfm (cubic feet per minute) and psi (pounds per square inch). cfm refers to the given volume of air that flows past a given point in one minute. psi is the amount of force pushing the cubic foot of air through the hose or tool.

The amount of air that a tool consumes will remain constant for a given set of conditions. Pressure will always drop when the tool is turned on and when the air begins to flow through the hose. In addition, pressure drop will vary in relation to any adjustment made on the tool.

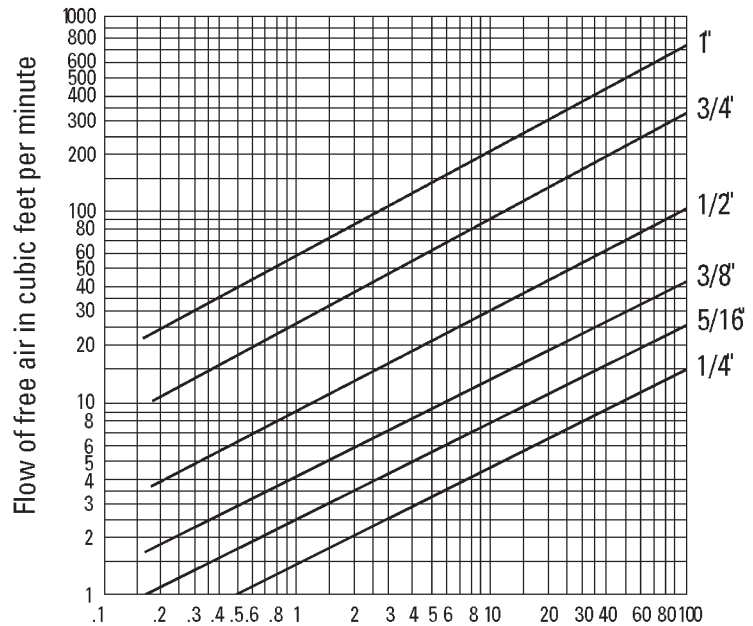
The same pressure loss principles apply when moving fluid through a hose. Be sure to consider pressure loss when choosing fluid hose and fittings.

Pressure Drop Points

Losses in pressure (psi) are dependent on the variables of hose length, hose diameter, volume (cfm), and the number and design of quick disconnects. To minimize the effects of pressure drop and the resulting lack of volume, consider the following:

- Frictional resistance between the fluid and the walls of the hose
- Internal resistance (shear)—fluid moves faster through the center of the hose and slower against the walls
- Change in direction of air or fluid through the system
- Volume at any given time as determined by back pressure
- The number of system connections, adapters, nipples, valves, filters, and air and fluid controls
- Hose i.d.—use the minimum i.d. necessary for each application
- Hose length—pressure drop is proportional to hose length
- Surface of the hose's inner tube—a rough surface can increase pressure drop up to 50%

Pressure Drop Chart Hose Sizes: 1/4" to 1" I.D.



Pressure drop in pounds per sq. in., per 100 ft. of hose

To determine pressure drops for hose lengths other than 100 ft.:

$$(\text{Pressure Drop Chart Figure}) \times \frac{(\text{Ft. of Hose})}{100} = \text{Pressure drop for hose used}$$

Technical Data

This chart is for approximating and should only serve as a guide in sizing air hose. Pressure drop is directly proportional to hose lengths. That means that if hose length doubles, for example, pressure drop doubles.

Example:

- 100 ft. x 1/2 in. i.d. hose at 40 cfm has a pressure loss of 17.5 psi.
- 200 ft. x 1/2 in. i.d. will lose 35 psi.
- 50 ft. x 1/2 in. i.d. will lose between 8 to 9 psi.

E.V.A. = Ethylene Vinyl Acetate

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

s.s. = stainless steel

Steel pltd = Steel plated

Brass pltd = Brass plated

Hose, Connections & Assemblies

Technical Data

Chemical Resistance Chart

TYPES OF SOLVENTS, THINNERS, CATALYSTS	FLUIDALL™ FLUID HOSE	HIGH PRESSURE AIRLESS	Nylon TUBING	POLYETHYLENE TUBING
Drying Oils, Alkyds (Mineral Spirits)(Naphtha)	●■	●■	●■	●
Phenolic Varnishes, Epoxy Esters Coal Tars, 1 Pkg. Urethanes (Naphtha – Toluene Blend)	●■	●■	●■	●
Chlorinated Rubber, Chlor. Rub. Zinc Rich Silicones, "Hypalon" (Toluene), (Xylene)	●■	●■	●■	○
Phenolics, Epoxies, Epoxy Zinc Rich Vinyl Alkyds (Toluene – MEK Blend)	●■	●■	●■	○
Vinyls, Vinyl-Acrylics, Polyesters, Polyester Zinc Rich, (MEK), (MIBK)	●■	●■	●■	○
Lacquers, 2 Pkg. Urethanes High Gloss Enamels (Ketone – Ester Blend)	●■	●■	●■	○
PV Acetate, Polyacrylics Latex, Zinc Silicates, (Water Based)	●	●	●	●
Water-Based	●	●	●	-
Aromatic, Solvent Based	-	●	-	-
Chlorinated, Solvent Based	●	●	●	-

KEY TO CHART:

Material at Room Temperature: ● Continuous Service ○ Intermittent Service **Heated Material:** ■ Continuous Service

Common Terms

(f)	Female Thread	sw	Swivel
(fbe)	Female Both Ends	wp	Maximum Working Pressure
(m)	Male Thread	mpa	? x 145 = P.S.I.
(mbe)	Male Both Ends		
cfm	Cubic Feet Per Minute	Metric Conversion	
i.d.	Inside Diameter	1 cm. = 0.3937 in.	
J.I.C.	Joint Industrial Council	1 bar = 14.5 psi.	
nps	National Pipe Straight	1 liter = 0.264 gal. (U.S.)	
npt	National Pipe Tapered	1 kg. = 2.205 lb.	
o.d.	Outside Diameter	1 meter = 3.28 ft.	
psi	Pounds Per Square Inch	1 millimeter = 0.03937 inches	
s.s.	Stainless Steel		

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Premium Spray Finishing Air Hose (Smooth Cover)

Recommended Use

Premium spray finishing air hose. Class B oil resistance. Designed for all finishing operations as well as rugged industrial applications, especially applications requiring lubricants in the airline supply or where oil and grease are present in the environment. Excellent for use with water and water-based materials. Temperature range from -40°F to +200° F (max).

Tube

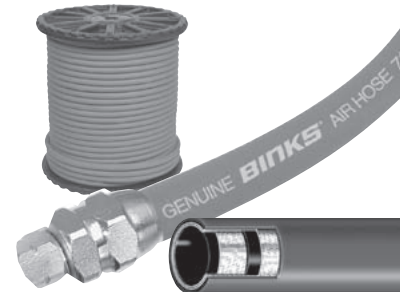
EPDM Class B oil resistance.

Reinforcement

High tensile strength spiral reinforcement. Specially designed for maximum flexibility (under pressure) and maximum coupling retention.

Cover

EPDM, red, smooth. Abrasion resistant. Oil Resistance.



Bulk Hose Chart – Smooth Cover

SIZES AVAILABLE		BULK HOSE NUMBER	MAXIMUM WORKING PRESSURE (psi)	BEND RADIUS	STD. REEL	APPROX. SHIPPING WEIGHT	
I.D.	o.d.				LENGTH IN FT.	1 PIECE REELS	BASED ON FEET PER REEL
1/4"	1/2"	71-10000	250	2 3/4"	500	50 lbs.	10 lbs.
5/16"	5/8"	71-11000	250	3"	500	87 lbs.	16.2 lbs.
3/8"	11/16"	71-12000	250	3 1/2"	500	96 lbs.	18 lbs.
1/2"	7/8"	71-13000	250	5"	300	86 lbs.	26.8 lbs.
3/4"	1 1/8"	71-14000	250	6"	300	112 lbs.	35 lbs.

Air Hose Grounded with Static Wire

Recommended Use

Premium finishing air hose. Oil resistance, rating Class B. Designed for all finishing operations as well as rugged industrial applications. Static wire between tube and cover prevents build-up of static electricity. Commonly used with atomizing spray guns, electrostatic spray guns and equipment that requires grounding for safety purposes. Temperature range from -40° F to +200° F.

Tube

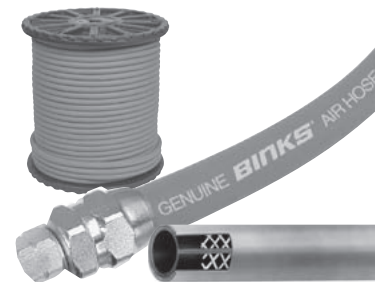
EPDM. Class B – Oil Resistance.

Reinforcement

High tensile strength synthetic spiral reinforcement. Specially designed for maximum flexibility (under pressure) and maximum coupling retention.

Cover

EPDM red, smooth, abrasion resistance. – Oil Resistant



Bulk Hose Chart – Smooth Cover

SIZES AVAILABLE		BULK HOSE NUMBER	MAXIMUM WORKING PRESSURE (psi)	BEND RADIUS	STD. REEL	APPROX. SHIPPING WEIGHT	
I.D.	o.d.				LENGTH IN FT.	1 PIECE REELS	BASED ON FEET PER REEL
5/16"	.618"	71-20000	250	3"	500	87 lbs.	17.4 lbs.
3/8"	.701"	71-21000	250	3.5"	500	96 lbs.	19.2 lbs.

Recommended hose connection 72-1317-1/4" nps(f), 72-1325-1/4" nps(f)

E.V.A. = Ethylene Vinyl Acetate

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

s.s. = stainless steel

Steel pltd = Steel plated

Brass pltd = Brass plated

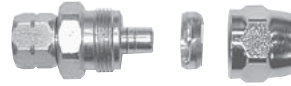
Hose, Connections & Assemblies

Connections for Premium & Static Wire Air Hose

Hose Size		For Bulk Hose No.	Connections		Type
i.d.	o.d.		Thread	Part No.	
1/4"	1/2"	71-10000	1/4" nps(f)	72-1303	A
			3/8" nps(f)	72-1306	A
			3/8" nps(f)s.s.	72-2143*	A
5/16"	5/8"	71-11000 71-20000	1/4" nps(f)	72-1317	A
			1/4" npt(m)	72-1478	B
			3/8" nps(f)	72-1320	A
3/8"	1 1/16"	71-12000	1/4" nps(f)	72-1325	A
			3/8" nps(f)	72-1328	A
			3/8" nps(f)s.s.	72-2146*	A
1/2"	7/8"	71-13000	3/8" nps(f)	72-1333	A
			1/2" nps(f)	72-1334	A
			1/2" nps(f)	72-954†*	C
3/4"	1 3/16"	71-14000	3/4" nps(f)	72-1336†	C
			3/4" nps(f)	72-417†	C
			3/4" nps(f)	72-955†*	C
Ergoflex™ Air Hose Connections					
3/8"	.646"	71-31000	1/4" nps(f)	72-2008	A

†Punch-Lok Connection *Stainless Steel tailpiece

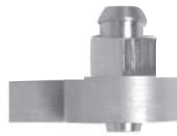
For Connection Sleeves, see Tech Sheet #77-5374.



Type A. Plated Brass



Type B. Plated Brass



Type C. Plated Brass

SEE PAGE 5-12 FOR PREMIUM & STATIC WIRE AIR HOSE ASSEMBLIES

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
Steel pltd = Steel plated Brass pltd = Brass plated

5

Hose, Connections & Assemblies

Lightweight ErgoFlex™ Air Hose (Smooth Cover)

Recommended Use

Binks ErgoFlex™ HLVP Hose is suitable for use with all kinds of air-operated equipment, including those requiring lubricant in the air line, or in environments where oil and grease are present.

Tube

Black EPDM Class B – Oil Resistance.

Reinforcement

Synthetic yarn –
Spiral reinforcement.

Cover

Tan EPDM, smooth,
Class C – Oil resistance.



Bulk Hose Chart – Smooth Cover

SIZES AVAILABLE		BULK HOSE NUMBER	MAXIMUM WORKING PRESSURE (psi)	BEND RADIUS	STD. REEL	APPROX. SHIPPING WEIGHT	
I.D.	o.d.				1 PIECE REELS	BASED ON FEET PER REEL	HOSE WEIGHT PER 100 FEET
3/8"	.646"	71-31000	125	3 1/2"	500	70 lbs.	12.8 lbs.

Connections for Ergoflex™ Air Hose

Hose Size		For Bulk Hose No.	Connections		Type
i.d.	o.d.		Thread	Part No.	
3/8"	.646"	71-31000	1/4" nps(f)	72-2008	A



Type A. Plated Brass

SEE PAGE 5-13 FOR ERGOFLEX™ HOSE ASSEMBLIES

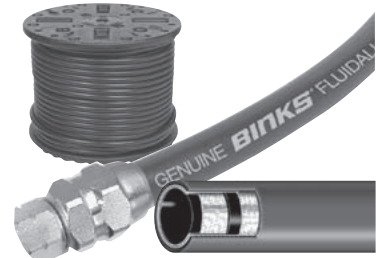
E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Fluidall™ Fluid Hose (Nylon Lined, Maximum Versatility)

Recommended Use

Premium, versatile fluid hose, for finishing operations plus a wide range of fluid applications. Fluidall™ is ideal for resins and solvents contained in latices, epoxies, urethanes, alkyds, primers, acrylics, polyesters, silicones, bitumastic coatings, oil and water based paints, lacquers, alcohol and latex coatings. Temperature range from 0° F to +190°F (max).



Tube

Nylon.

Reinforcement

High tensile synthetic braid. Specially designed for maximum flexibility (under pressure) and maximum coupling retention.

Cover

Black, synthetic, smooth rubber. Class B – Oil Resistance.

Bulk Hose Chart – Smooth Cover

SIZES AVAILABLE		BULK HOSE NUMBER	MAXIMUM WORKING PRESSURE (psi)	BEND RADIUS	STD. REEL	APPROX.	HOSE WEIGHT PER 100 FEET
I.D.	o.d.				LENGTH IN FT. 1 PIECE REELS	SHIPPING WEIGHT BASED ON FEET PER REEL	
1/4"	1/2"	71-280	500	3"	500	43 lbs.	8 lbs.
3/8"	11/16"	71-282	500	3 1/2"	500	83 lbs.	15 lbs.
1/2"	7/8"	71-283	750	5"	300	74 lbs.	22 lbs.
3/4"	1 3/16"	71-284	750	8"	300	118 lbs.	36 lbs.
1"	1 1/2"	71-285	750	12"	300	168 lbs.	53 lbs.

Connections for Fluidall™ Fluid Hose

Hose Size		For Bulk Hose No.	Connections		Type
i.d.	o.d.		Thread	Part No.	
1/4"	1/2"	71-280	1/4" nps(f)	72-1303	A
			3/8" nps(f)	72-1306	A
			3/8" nps(f)s.s.	72-2143*	A
3/8"	11/16"	71-282	1/4" nps(f)	72-1325	A
			3/8" nps(f)	72-1328	A
			3/8" nps(f)s.s.	72-2146*	A
1/2"	7/8"	72-283	3/8" nps(f)	72-1333	A
			1/2" nps(f)	72-1334	A
			1/2" nps(f)	72-954†*	C
3/4"	1 3/16"	71-284	3/4" nps(f)	72-1336†	C
			3/4" nps(f)	72-417†	C
			3/4" nps(f)	72-955†*	C
1"	1 1/2"	71-285	1" nps(f)	72-418†	C
			1" nps(f)	72-956*	C

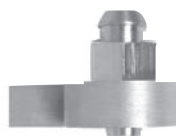
†Punch-Lok Connection *Stainless Steel tailpiece



Type A. Plated Brass



Type B. Plated Brass



Type C. Plated Brass

SEE PAGE 5-14 FOR FLUIDALL™ HOSE ASSEMBLIES

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Tubing & Connections

Nylon Tubing & Connections

Size	Tubing No.	Max. Working Pressure (psi)		Connection Part No.	Connection Description	Type
		@ 70 DEG. F.	@ 150 DEG. F.			
1/8" i.d. x .225" o.d.	71-226	475 250	190	PLH-1838-SS	s.s. 3/8" nps(f) swivel	E
				72-1677	Brass 1/4" nps(f) swivel	E
3/16" i.d. x 1/4" o.d.	71-230	225 200	190	PLH-31638-SS	s.s. 3/8" nps(f) swivel	E
				72-1729	Brass 3/8" nps(f) swivel	E
				72-1793	s.s. 3/8" nps(f) swivel w/ spring guard	D
				72-1679	Brass 1/4" nps(f) swivel	E
				72-1747	Brass 1/4" nps(f) swivel w. Spring guard	D
				72-1789	s.s. 1/4" nps(f) swivel	E
				72-1792	s.s. 1/4" nps(f) swivel w. Spring guard	D
1/4" i.d. x .350" o.d.	71-227	225 250	190	72-1680	Brass 1/8" npt(m)	E
				72-1681	Brass 1/4" nps(f) swivel	E
				72-1683	Brass 3/8" nps(f) swivel	E
				72-1687	Brass 1/4" nps(f) swivel w/ spring guard	D
				72-1689	Brass 3/8" nps(f) swivel w/ spring guard	D
				72-1799	s.s. 1/4" nps(f) swivel	E
				72-1800	s.s. 1/4" nps(f) swivel w/ spring guard	D
				72-1801	s.s. 3/8" nps(f) swivel	E
				72-1802	s.s. 3/8" nps(f) swivel w/ spring guard	D
3/8" i.d. x 1/2" o.d.	71-229	200	140	72-1685	Brass 3/8" nps(f) swivel	E
				72-1811	s.s. 1/4" nps(f) swivel	E
				72-1812	s.s. 3/8" nps(f) swivel	E



TYPE D
Plated brass or stainless steel



TYPE E
Plated brass or stainless steel

SEE PAGE 5-16 FOR NYLON TUBE ASSEMBLIES

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Tubing & Connections

Polyethylene Tubing & Connections

Size	Tubing No.	Max. Working Pressure (psi)	Connection Part No.	Connection Description	Type
.175" i.d. x 1/4" o.d.	H-2339	125	P-HC-4728	Brass-alum-steel 1/4" nps(f) swivel	E
			P-HC-4221	Brass-alum-steel 1/4" nps(f) swivel w/ spring guard	D
1/4" i.d. x 3/8" o.d.	H-2338	125	72-1579	Brass 1/4" nps(f) swivel	E
			72-1581	Brass 3/8" nps(f) swivel	E
			72-1583	Brass 1/4" nps(f) swivel w/ spring guard	D
			72-1585	Brass 3/8" nps(f) swivel w/ spring guard	D
			72-1839	s.s. 3/8" nps(f) swivel	E
			72-1968	s.s. 1/4" nps(f) swivel	E
			72-1983	s.s. 1/4" nps(f) swivel w/ spring guard	D
			72-2060	s.s. 3/8" nps(f) swivel w/ spring guard	D

5

E.V.A. Tubing & Connections

Size	Tubing No.	Max. Working Pressure (psi)	Connection Part No.	Connection Description	Type
1/8" i.d. x 5/16" o.d.	71-201	100	102-3031	316 s.s. 1/4" (f) swivel w/spring guard	D
5/16" i.d. X 17/32" o.d.	71-508	250	72-1646	416 s.s. 1/4" nps(f) swivel w/spring guard	D
3/8" i.d. x 19/32" o.d.	71-509	250	102-3040	316 s.s. 3/8" nps(f)	E



TYPE D
Plated brass or stainless steel



TYPE E
Plated brass or stainless steel

SEE PAGE 5-21 FOR E.V.A. HOSE ASSEMBLIES

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Tubing & Connections

Teflon Tubing & Connections

Size	Tubing No.	Max. Working Pressure (psi)	Connection Part No.	Connection Description	Type
1/4" i.d. x 3/8" o.d.	71-204	140	72-1579	Brass 1/4" nps(f) swivel	E
			72-1581	Brass 3/8" nps(f) swivel	E
			72-1583	Brass 1/4" nps(f) swivel w/ spring guard	D
			72-1585	Brass 3/8" nps(f) swivel w/ spring guard	D
			72-1839	s.s. 3/8" nps(f) swivel	E
			72-1968	s.s. 1/4" nps(f) swivel	E
			72-1983	s.s. 1/4" nps(f) swivel w/ spring guard	D
			72-2060	s.s. 3/8" nps(f) swivel w/ spring guard	D
			54-4976	Push-lok 1/4" nps(f)*	E
54-4975	Push-lok 1/8" npt(m)*	E			
*plastic & plated steel					
1/8" i.d. x 1/4" o.d.	71-248	140	72-1944	Brass 1/4" nps(f) swivel	E
			72-1945	s.s. 3/8" nps(f) swivel	E
3/16" i.d. x 5/16" o.d.	71-209	140	72-1577	Brass 1/4" nps(f) swivel	E
			72-1730	Brass 3/8" nps(f) swivel	E
3/8" i.d. x 1/2" o.d.	71-207	140	72-1685	Brass 3/8" nps(f) swivel	E
			72-1811	s.s. 1/4" nps(f) swivel	E
			72-1812	s.s. 3/8" nps(f) swivel	E

Polyurethane Tubing & Connections

Size	Tubing No.	Max. Working Pressure (psi)	Connection Part No.	Connection Description	Type
1/4" i.d. x 3/8" o.d.	54-4987	100	54-4976	Push-lok 1/4" nps(f)*	—
			54-4975	Push-lok 1/8" npt(m)*	—
			72-1579	Brass 1/4" nps(f) swivel	E
			72-1583	Brass 1/4" nps(f) swivel w/ spring guard	D

*plastic & plated steel



TYPE D
Plated brass or stainless steel



TYPE E
Plated brass or stainless steel

**SEE PAGE 5-13 FOR
POLYURETHANE TUBE
ASSEMBLIES**

E.V.A. = Ethylene Vinyl Acetate

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

s.s. = stainless steel

Steel pltd = Steel plated

Brass pltd = Brass plated

Hose, Connections & Assemblies

Air Hose Assemblies

Premium Air Hose Assemblies (Low Pressure)

Part Number	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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd

Air Hose Assemblies (Grounded with Static Wire)

Part Number	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 pltd
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 pltd
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 pltd

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
 Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Air Hose Assemblies

Ergoflex Air Hose Assemblies

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
71-31101	H-3670	.390 i.d. x .650 o.d. x 25 ft.	200 psi	E.P.D.M.	72-2008	1/4"nps(f)	Brass pltd
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 pltd

1/4" I.D. Air Tubing Assemblies (Low Pressure – Air Assist Supply)

Part Number	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'	250 psi	Polyurethane	n/a	n/a	n/a
71-4800	54-4987	1/4" i.d. x 3/8" o.d. x 35'	250 psi	Polyurethane	n/a	n/a	n/a
71-4801	54-4987	1/4" i.d. x 3/8" o.d. x 50'	250 psi	Polyurethane	n/a	n/a	n/a
71-4803	54-4987	1/4" i.d. x 3/8" o.d. x 28'	250 psi	Polyurethane	n/a	n/a	n/a
71-4991	54-4987	1/4" i.d. x 3/8" o.d. x 25 ft.	250 psi	Polyurethane	54-4976 Tubing connector	1/4"npt(m)	n/a

1/8" I.D. Air Hose Assemblies (for Wren Airbrush)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
59-61	71-113	1/8" i.d. x 5/16" o.d. x 6 ft.	250 psi	Rubber	72-93 x 59-50	1/4"nps(f) x 1/4"-40(f)	Brass pltd

Breathable Air Hose Assemblies (For MPV Air Respirator)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
MPV-457	n/a	(see note)	n/a	n/a	n/a	n/a	n/a
MPV-530	n/a	5/16" i.d. (see note)	250 psi	Rubber	n/a	male stem / QD	Steel pltd
MPV-550	n/a	5/16" i.d. (see note)	250 psi	Rubber	n/a	male stem / QD	Steel pltd

Note: These MPV hose assemblies are used with the MPV-625 Air Supplied Respirator only, and are NIOSH approved. Alternate hoses must not be substituted. Otherwise, NIOSH approval will be void, and an unsafe condition may result.

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Fluid Hose Assemblies

Fluidall™ Hose Assemblies (Low Pressure)

Part Number	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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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)	s.s.
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
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 pltd
71-3367	71-285	1" i.d. x 1 1/2" o.d. x 8 ft.	750 psi	Nylon	72-1936	1" nps(f)	Brass pltd

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
 Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Fluid Hose Assemblies

Hose Assembly Sets (Air & Fluid)

Part Number	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 pltd
	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 pltd
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 pltd
	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 pltd

Siphon Fluid Hose Assemblies

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
41-11211	71-284	3/4" i.d. x 1-3/16" o.d. x 5 ft.	750 psi	Nylon	(2) 72-1935	3/4" nps(f)	Steel pltd
41-11216	71-284	3/4" i.d. x 1-3/16" o.d. x 8 ft.	750 psi	Nylon	(2) 72-1935	3/4" nps(f)	Steel pltd
41-11210	71-285	1" i.d. x 1-1/2" o.d. x 8 ft.	750 psi	Nylon	(2) 72-1936	1" nps(f)	Steel pltd
41-11212	71-285	1" i.d. x 1-1/2" o.d. x 5 ft.	750 psi	Nylon	(2) 72-1936	1" nps(f)	Steel pltd
44-1641	71-285	1" i.d. x 1-1/2" o.d. x 7 ft.	750 psi	Nylon	(2) 72-2329, 72-2330, 72-415	(2) 1" nps(f)	s.s.
103-1313	71-285	1" i.d. x 1 1/2" o.d. x 8 ft.	750 psi	Nylon	72-1936	1" npt(f)	Steel pltd
103-1349	71-285	1" i.d. x 1 1/2" o.d. x 8 ft.	750 psi	Nylon	72-1936, 72-1937	1" npt(f) x 1" npt(f)	Steel pltd
103-1350	71-285	1" i.d. x 1 1/2" o.d. x 5 ft.	750 psi	Nylon	72-1936, 72-1937	1" npt(f) x 1" npt(f)	Steel pltd
103-2029	71-285	1" i.d. x 1 1/2" o.d. x 8 ft.	750 psi	Nylon	72-1937, 72-1981	1" nps(m) x 1" npt(m)	Steel pltd

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
 Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Fluid Hose Assemblies

Nylon Tube Assemblies

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
71-7686	71-230	3/16" i.d. x .264 o.d. x 15 ft.	225 psi	Nylon	72-1792, 72-1793	1/4" nps(f) x 3/8" nps(f)	w/ Spring guards
71-7687	71-230	3/16" i.d. x .264 o.d. x 25 ft.	225 psi	Nylon	72-1793, 72-1792	1/4" nps(f) x 3/8" nps(f)	303 s.s.
71-7797	71-229	3/8" i.d. x 1/2" o.d. x 15 ft.	200 psi	Nylon	72-1812	3/8" nps(f)	s.s.
71-7778	71-229	3/8" i.d. x 1/2" o.d. x 25 ft.	200 psi	Nylon	72-1812	3/8" nps(f)	s.s.
71-7357	71-227	1/4" i.d. x .350" o.d. x 25 ft.	225 psi	Nylon	72-1681	3/8" nps(f)	Brass pltd

Fluid Hose Drains (Low Pressure)(connection one end)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
71-7328	71-227	1/4" i.d. x .350 o.d. x 23"	225 psi	Nylon	72-63, 72-93	1/4" nps(f)	Brass pltd
71-7332	71-227	1/4" i.d. x .350 o.d. x 3 ft.	225 psi	Nylon	72-63, 72-93	1/4" nps(f)	Brass pltd

Contractor Quality Airless Paint Hose (Conductive -No Wire)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
71-3530	n/a	1/4" i.d. x 25 ft.	3300 psi	Nylon	n/a	1/4" nps(f)	Steel pltd
71-3531	n/a	1/4" i.d. x 50 ft.	3300 psi	Nylon	n/a	1/4" nps(f)	Steel pltd

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
 Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Fluid Hose Assemblies

Premium Airless Paint Hose (Conductive – No Wire)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
71-8085	n/a	3/16" i.d. x 5 ft.	3000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-8088	n/a	3/16" i.d. x 25 ft.	3000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-8089	n/a	3/16" i.d. x 50 ft.	3000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-7703	n/a	1/4" i.d. x 15 ft.	3000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-7704	n/a	1/4" i.d. x 25 ft.	3000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-7705	n/a	1/4" i.d. x 50 ft.	3000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-7708	n/a	1/4" i.d. x 5 ft.	3000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-7709	n/a	1/4" i.d. x 10 ft.	3000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-7504	n/a	5/16" i.d. x 25 ft.	3000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-7505	n/a	5/16" i.d. x 50 ft.	3000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-7508	n/a	5/16" i.d. x 35 ft.	3000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-8421	n/a	3/8" i.d. x 5 ft.	3000 psi	Nylon	Permanent w/ spring guards	3/8" nps(f)	Steel pltd
71-8424	n/a	3/8" i.d. x 25 ft.	3000 psi	Nylon	Permanent w/ spring guards	3/8" nps(f)	Steel pltd
71-8425	n/a	3/8" i.d. x 50 ft.	3000 psi	Nylon	Permanent w/ spring guards	3/8" nps(f)	Steel pltd

5

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
 Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Fluid Hose Assemblies

PIT BULL™ Airless Paint Hose (Conductive)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-4830	n/a	1/4" i.d. x 25 ft.	4000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-4831	n/a	1/4" i.d. x 50 ft.	4000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-4840	n/a	1/4" i.d. x 25 ft.	10,000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-4841	n/a	1/4" i.d. x 50 ft.	10,000 psi	Nylon	Permanent w/ spring guards	1/4" nps(f)	Steel pltd
71-4850	n/a	3/8" i.d. x 25 ft.	3500 psi	Nylon	Permanent w/ spring guards	3/8" nps(f)	Steel pltd
71-4851	n/a	3/8" i.d. x 50 ft.	3500 psi	Nylon	Permanent w/ spring guards	3/8" nps(f)	Steel pltd
71-4860	n/a	3/8" i.d. x 25 ft.	8000 psi	Nylon	Permanent w/ spring guards	3/8" nps(f)	Steel pltd
71-4861	n/a	3/8" i.d. x 50 ft.	8000 psi	Nylon	Permanent w/ spring guards	3/8" nps(f)	Steel pltd

PIT BULL™ Whip-End Fluid Hose Assemblies

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-4870	n/a	1/4" i.d. x 3 ft.	10,000 psi	Nylon	Permanent w/ spring guards	3/8" nps(m) x 1/4" nps(f)	Steel pltd
71-4871	n/a	1/4" i.d. x 3 ft.	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 Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-8360	n/a	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	n/a	1/8" i.d. x 3 ft.	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 Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-4992	n/a	1/8" i.d. x 15 ft.	4000 psi	Nylon	Permanent w/o spring guards	1/4" npt(f)	s.s.
71-4993	n/a	1/8" i.d. x 25 ft.	5000 psi	Nylon	Permanent w/o spring guards	1/4" nps(f)	s.s.
71-4995	n/a	3/16" i.d. x 25 ft.	1900 psi	Nylon	Permanent w/o spring guards	1/4" nps(f)	s.s.

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
 Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

FRP Hose Assemblies

Air Hose Assemblies (Low Pressure – FRP)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
207-10752-1	237-505	1/4" i.d. x 1/2" o.d. x 14"	250 psi	E.V.A.	Permanent	1/4"nps(f)x1/4"npt(m)	Brass
207-10752-2	237-505	1/4" i.d. x 1/2" o.d. x 20"	250 psi	E.V.A.	Permanent	1/4"nps(f)x1/4"npt(m)	Brass
207-10752-4	237-505	1/4" i.d. x 1/2" o.d. x 28"	250 psi	E.V.A.	Permanent	1/4"nps(f)x1/4"npt(m)	Brass
207-10752-5	237-505	1/4" i.d. x 1/2" o.d. x 16"	250 psi	E.V.A.	Permanent	1/4"nps(f)x1/4"npt(m)	Brass
207-10752-6	237-505	1/4" i.d. x 1/2" o.d. x 72"	250 psi	E.V.A.	Permanent	1/4"nps(f)x1/4"npt(m)	Brass
207-11512-10	71-227	1/4" i.d. x .350 o.d. x 18 ft.	225 psi	Nylon	72-1687	1/4"nps(f)	Brass pltd
207-11512-3	71-227	1/4" i.d. x .350 o.d. x 25 ft.	225 psi	Nylon	72-1687	1/4"nps(f)	Brass pltd
207-11512-8	71-227	1/4" i.d. x .350 o.d. x 50 ft.	225 psi	Nylon	72-1687	1/4"nps(f)	Brass pltd
207-10770-8	71-11000	5/16" i.d. x 5/8" o.d. x 50 ft.	250 psi	EPDM	72-1317	1/4"nps(f)	Brass pltd

Fluid Hose Assemblies (Low Pressure)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
207-10941-5	4282	1/2" i.d. x 50 ft.	2000 psi	Nylon	237-916	3/4" - 16 J.I.C. sw.	Steel pltd
207-10941-8	4282	1/2" i.d. x 30"	2000 psi	Nylon	237-916	3/4" - 16 J.I.C. sw.	Steel pltd
207-12269-2	71-283	1/2" i.d. x 7/8" o.d.	750 psi	Nylon	237-916	3/4" - 16 J.I.C. sw.	Steel pltd
207-12269-5	71-283	1/2" i.d. x 7/8" o.d.	750 psi	Nylon	237-916	3/4" - 16 J.I.C. sw.	Steel pltd
207-12347	71-223	1/4" i.d. x 3/8" o.d. x 8"	100 psi	Polyethylene	237-901/237-902	1/4"npt(m)	Polypropylene
207-10946-1	71-284	3/4" i.d. x 6 ft.	750 psi	Nylon	4358	1 1/16" - 12 J.I.C. sw.	Steel pltd

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
 Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

FRP Hose Assemblies

Misc. Air/Fluid Hose Assemblies (FRP)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material	Type
207-10910-6	4243	1/2" i.d. x 13/16" o.d. x 18"	200 psi	n/a	KF08-08PS	1/2" npt(m)	Brass pltd	Air
207-11016-2	71-280	1/4" i.d. x 20"	500 psi	Nylon	KF04-04RV x KF04-04PS	1/4" nps(f) x 1/4" npt(m)	Brass pltd	Air/fluid
207-11016-4	71-280	1/4" i.d. x 12"	500 psi	Nylon	KF04-04RV x KF04-04PS	1/4" nps(f) x 1/4" npt(m)	Brass pltd	Air/fluid

1/4" I.D. Fluid Hose Assemblies (High Pressure Airless, Wireless)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
207-10769-1	n/a	1/4" i.d. x 5 ft.	3000 psi	Nylon	Permanent	9/16" - 18 J.I.C. sw.	n/a
207-10769-11	n/a	1/4" i.d. x 9 1/2"	3000 psi	Nylon	Permanent	9/16" - 18 J.I.C. sw.	n/a
207-10769-5	n/a	1/4" i.d. x 35 ft.	3000 psi	Nylon	Permanent	9/16" - 18 J.I.C. sw.	n/a
207-10769-8	n/a	1/4" i.d. x 50 ft.	3000 psi	Nylon	Permanent	9/16" - 18 J.I.C. sw.	n/a
207-11382-3	n/a	1/4" i.d. x 25 ft.	3000 psi	Nylon	Permanent	9/16-18 J.I.C.(f) x 1/4" nps(f)	n/a
207-12120-2	n/a	1/4" i.d. x 30"	3000 psi	Nylon	Permanent	1/4" nps(f)	n/a
207-12120-3	n/a	1/4" i.d. x 17"	3000 psi	Nylon	Permanent	1/4" nps(f)	n/a

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
 Steel pltd = Steel plated Brass pltd = Brass plated

Hose, Connections & Assemblies

Catalyst Hose Assemblies (FRP)

Recommended Use

For acid and peroxidized catalyst and other aqueous (water) solutions. Also recommended for use as a light weight, low pressure air hose. May be used for buffing compounds and concrete resurfacing materials.

Tube

EVA

Reinforcement

Single open braid, reyon/nylon

Cover

EVA – blue

Connections

Reuseable, stainless steel tailpiece and swivel, aluminum nut.

SIZES AVAILABLE		BULK HOSE NO.	MAXIMUM WORKING PRESSURE (psi)	NO. OF BRAIDS	APPROX. SHIPPING WEIGHT BASED ON FEET PER REEL	HOSE WEIGHT PER 100 FEET	CONNECTION	
i.d.	o.d.						THREAD	PART NO.
1/8	5/16	71-201	100	1	16	3.2	1/4"nps(f)	102-3031 SS316 ●
5/16	17/32	71-508	250	1	33.5	6.7	1/4"nps(f) 3/8"nps(f)	72-1646 SS416 ● 207-10383 SS416 ●
3/8	19/32	71-509	250	1	37.5	7.5	3/8"nps(f)	102-3040 s.s. 316

● These assemblies have connections with spring guards

Catalyst Hose Assemblies (Low Pressure)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
207-12347	71-223	1/4" i.d. x 3/8" o.d. x 8"	100 psi	Polyethylene	237-901	1/4"npt(m)	Polypropylene
102-3028	71-201	1/8"i.d. x 5/16" o.d. x 25 ft.	100 psi	E.V.A.	102-3031	1/4" nps(f) sw.	316 s.s.
102-3029	71-201	1/8"i.d. x 5/16" o.d. x 35 ft.	100 psi	E.V.A.	102-3031	1/4" nps(f) sw.	316 s.s.
102-3030	71-201	1/8"i.d. x 5/16" o.d. x 50 ft.	100 psi	E.V.A.	102-3031	1/4" nps(f) sw.	316 s.s.
102-3028	71-201	1/8"i.d. x 5/16" o.d. x 25 ft.	100 psi	E.V.A.	102-3031	1/4" nps(f) sw.	316 s.s.
102-3029	71-201	1/8"i.d. x 5/16" o.d. x 35 ft.	100 psi	E.V.A.	102-3031	1/4" nps(f) sw.	316 s.s.
102-3030	71-201	1/8"i.d. x 5/16" o.d. x 50 ft.	100 psi	E.V.A.	102-3031	1/4" nps(f) sw.	316 s.s.
102-3034	71-201	1/8"i.d. x 5/16" o.d. x 30"	100 psi	E.V.A.	72-1573, 102-2653	1/4" nps(f) sw.	316 s.s.
102-3036	71-201	1/8"i.d. x 5/16" o.d. x 3'	100 psi	E.V.A.	72-1573, 102-2653	1/4" nps(f) sw.	316 s.s.
102-3035	71-509	3/8"i.d. x 19/32" o.d. x 3'	250 psi	E.V.A.	72-1367, 102-3033	3/8" nps(f) sw.	316 s.s.
71-2732	71-508	5/16" i.d. x 33/64" o.d. x 15'	250 psi	E.V.A.	72-1646	1/4" nps(f) sw.	416 s.s.
71-2734	71-508	5/16" i.d. x 33/64" o.d. x 25'	250 psi	E.V.A.	72-1646	1/4" nps(f) sw.	416 s.s.
71-2735	71-508	5/16" i.d. x 33/64" o.d. x 50'	250 psi	E.V.A.	72-1646	1/4" nps(f) sw.	416 s.s.

E.V.A. = Ethylene Vinyl Acetate

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

s.s. = stainless steel

Steel pltd = Steel plated

Brass pltd = Brass plated

Hose, Connections & Assemblies

Catalyst Hose Assemblies (FRP)

3/16" I.D. Fluid Hose Assemblies (High Pressure Catalyst)

Part Number	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
107-1465	n/a	3/16" i.d. x 3/8" o.d. x 50 ft.	2500 psi	Teflon/ s.s. braided	Permanent	7/16" - 20 (f) sw. J.I.C. #4	Steel pltd
207-12305-1	n/a	3/16" i.d. x 5/16" o.d. x 20"	3000 psi	Teflon/ s.s. braided	Permanent	7/16"-20 J.I.C. sw. J.I.C. #4	s.s.
207-12305-3	n/a	3/16" i.d. x 5/16" o.d. x 38"	3000 psi	Teflon/ s.s. braided	Permanent	7/16"-20 J.I.C. sw. J.I.C. #4	s.s.
207-12305-4	n/a	3/16" i.d. x 5/16" o.d. x 25 ft.	3000 psi	Teflon/ s.s. braided	Permanent	7/16"-20 J.I.C. sw. J.I.C. #4	s.s.
207-12305-5	n/a	3/16" i.d. x 5/16" o.d. x 45 ft.	3000 psi	Teflon/ s.s. braided	Permanent	7/16"-20 J.I.C. sw. J.I.C. #4	s.s.
207-12305-7	n/a	3/16" i.d. x 5/16" o.d. x 35 ft.	3000 psi	Teflon/ s.s. braided	Permanent	7/16"-20 J.I.C. sw. J.I.C. #4	s.s.
207-12305-8	n/a	3/16" i.d. x 5/16" o.d. x 1 ft.	3000 psi	Teflon/ s.s. braided	Permanent	7/16"-20 J.I.C. sw. J.I.C. #4	s.s.
207-12305-9	n/a	3/16" i.d. x 5/16" o.d. x 17"	3000 psi	Teflon/ s.s. braided	Permanent	7/16"-20 J.I.C. sw. J.I.C. #4	s.s.

E.V.A. = Ethylene Vinyl Acetate E.P.D.M. = Ethylene Propylene Diene Rubber s.s. = stainless steel
 Steel pltd = Steel plated Brass pltd = Brass plated