



## Hose

### Premium Hose Helps Ensure Premium Paint Jobs

#### Smooth Cover — Spray and Air Tool Hose

Can be used for all kinds of air-operated equipment. Smooth brick-red cover, synthetic rubber compound tube with high tensile strength braid. Hose offers superior resistance to oil, weathering, ozone and abrasion. Can be used with reusable or permanent crimp connections. Maximum application temperature: 150°F

#### Nyliner II Fluid Hose

Ideal for use with a wide range of materials such as resins and solvents contained in latices, epoxies, urethanes, alkyds, primers, acrylics, ketone, MEK, acetone, polyesters, silicones, bitumastic coatings, oil and water-based paints, lacquers, latex coatings, toluene, turpentine, naphtha, and many other solvents. Tube is nylon; cover is black neoprene rubber; yarn reinforced. Can be used with permanent crimp or reusable connections. Maximum application temperature: 150°F

For properly piped shop information, see page 42



#### Air Hose Assemblies

Size I.D.	Hose Assy Order No. Model No.	Length of Hose (feet)	Bulk Hose#	Connection Thread Size	Type of Connection	Connection Nut & Nipple
5/16"	220002 HA-2125	25	H-1921	1/4" NPS (F) Swivel	Three-Piece Reusable	240032 P-HC-2547
5/16"	220004 HA-2150	50	H-1921	1/4" NPS (F) Swivel	Three-Piece Reusable	240032 P-HC-2547
3/8"	220049 HA-5825	25	H-1958	1/4" NPS (F) Swivel	Three-Piece Reusable	240038 P-HC-4528
3/8"	220052 HA-5867	35	H-1958	1/4" NPS (F) Swivel	Three-Piece Reusable	HC-4719 P-HC-4528
3/8"	220054 HA-5835	35	H-1958	1/4" NPS (F) Swivel	Three-Piece Reusable	240033 P-HC-4528
3/8"	220047 HA-5850	50	H-1958	1/4" NPS (F) Swivel"	Three-Piece Reusable	240033 P-HC-4528

HA-5867 HVLP Air Hose Assembly includes HC-4719 High Volume Air Quick Disconnect and HC-4419 Stem.

#### Fluid Hose Assemblies

Size I.D.	Hose Assy Order No. Model No.	Length of Hose (feet)	Bulk Hose#	Connection Thread Size	Type of Connection	Connection Nut & Nipple
3/8"	220008 HA-7325	25	H-1973-1	3/8" NPS (F)	Three-Piece Reusable	240035 P-HC-4548
3/8"	220040 HA-7335	35	H-1973-1	3/8" NPS (F)	Three-Piece Reusable	240035 P-HC-4548
3/8"	220045 HA-7350	50	H-1973-1	3/8" NPS (F)	Three-Piece Reusable	240035 P-HC-4548
1/4"	220055 HA-7535	35	H-1975-1	3/8" NPS (F)	Three-Piece Reusable	240034 P-HC-4543

#### Air/Fluid Hose Set (for use with KBII Cup)

Order No. Model No.	Length	Bulk Air Hose	Bulk Fluid Hose	Connection Thread Size	Type of Connection	Connection Nut & Nipple
220019 KB-4006	5' 9"	210002 H-1921		1/4" NPS (F) Swivel	Three-Piece Reusable	240032 P-HC-4527
	6' 3"		210007 H-1975-1	3/8" NPS (F)	Three-Piece Reusable	240034 P-HC-4543

#### Bulk Hose Chart

Type of Hose	Size I.D.	Size O.D.	Bulk Hose Model No.	Maximum Working Pressure (PSI)	Feet/Reel	(Order No.)
Smooth	1/4"	1/2"	H-1957	250	500	210003
Cover	5/16"	5/8"	H-1921	250	500	210002
Air	3/8"	11/16"	H-1958	250	500	210004
Nyliner II	1/4"	1/2"	H-1975-1	500	500	210007
Fluid	3/8"	11/16"	H-1973-1	500	500	210006

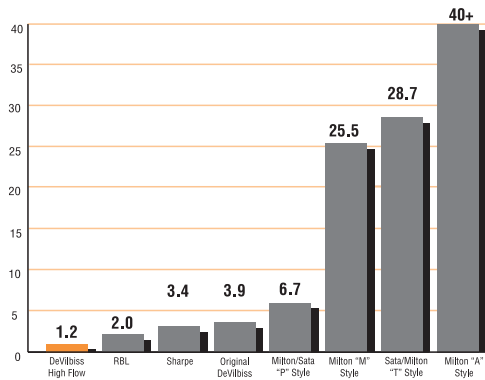


# Hose Fittings

## Designed to Optimize Air Flow for Top Spray Gun and Air Tool Performance



Pressure Drop Comparison at 50 PSI inlet at 25 SCFM



The chart above shows test data at 25 SCFM using:

- DeVilbiss high flow HC-4720 coupler, HC-4419 stem.
- RBL 611 coupler, 612 stem.
- Sharpe 8320 coupler, 8330 stem.
- Original DeVilbiss P-HC-4120 coupler, P-HC-201 stem.
- Milton/Sata "P" style 1804 coupler, 1810 stem.
- Milton "M" style S715 coupler, S727 stem.
- Sata/Milton "T" style 784 coupler, 786 stem.
- Milton "A" style S775 coupler, S777 stem.

### Reusable Connections

Hose Size and Type



Size I.D.	Size O.D.	Fits DeVilbiss Hose No.	(M) Male (F) Female Connection Thread Size	Straight Connections Female Complete Connection No.
1/4"	1/2"	H-1957 H-1975-1	1/4" NPS (F) 3/8" NPS (F)	P-HC-4523 P-HC-4543
5/16"	5/8"	H-1921	1/4" NPS (F) 1/4" NPS (M)	P-HC-4527 P-HC-4599
3/8"	11/16"	H-1973-1	1/4" NPS (F) 3/8" NPS (F) 1/4" NPT (M)	P-HC-4528 P-HC-4548 P-HC-4955

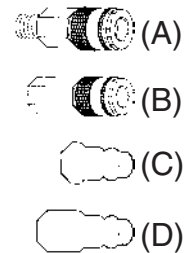
### Quick Disconnects - High Flow Ball and Ring Lock Type

(For use with HVLP Spray Equipment)

Connection No.	Order No.	Thread Size
HC-4719 (A)	240147	1/4" NPT (M)
HC-4720 (B)	240148	1/4" NPT (F)

Stem Number	Order No.	Thread Size
HC-1166 (C)	240015	1/4" NPT (M)
HC-4419* (D)	240145	1/4" NPS (F)

\*Designed for spray guns. Special cone seat prevents leaks!



### Nipples (MBE) Male Both Ends

Part Number	Straight Type Male Thread	Male Thread
AD-31	1/4" NPS	1/4" NPS
H-2008	1/4" NPS	1/4" NPT
H-1446	3/8" NPS	3/8" NPS
AD-11	3/8" NPS	3/8" NPT



### Adapters

Part Number	Straight Type Male Thread	Female Thread
AD-404	1/4" NPS	3/8" NPS
P-H-4105	3/8" NPS	1/4" NPS



### Valves - Ball Type

Part Number	Thread
VA-540	3/8" NPS (M) x 3/8" NPT (M)
VA-542	1/4" NPS (M) x 1/4" NPT (M)
VA-595	1/2" NPT (M) x 1/2" NPT (M)



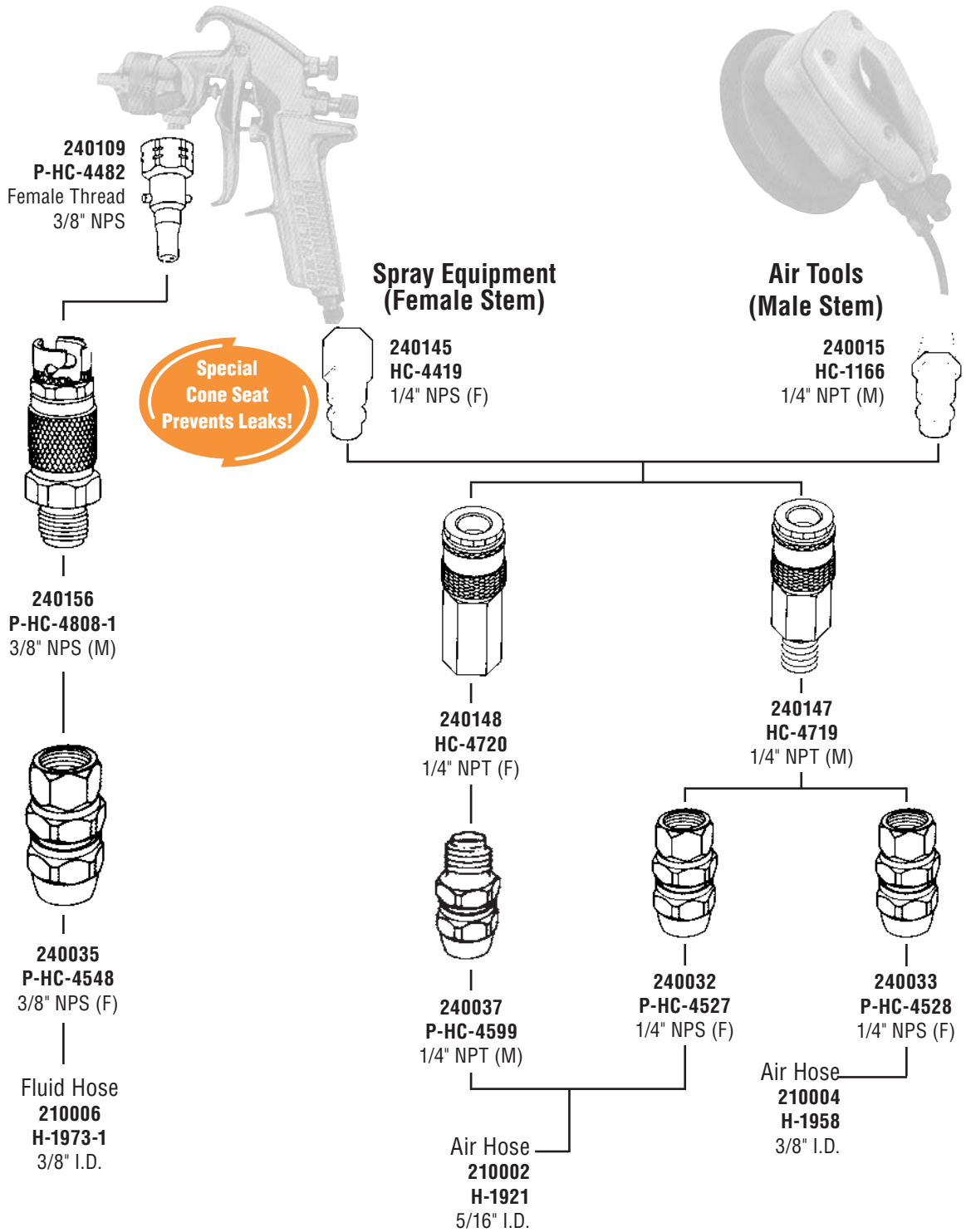
### Coupler

Part Number	Thread
SSP-69	1/4" x 1/4" NPT (F)





# Hose Fittings



NPT = tapered	
NPS = straight	
(M) = Male	Whenever possible, match straight threads with straight threads and tapered with tapered. Otherwise, leakage may occur.
(F) = Female	