

Compact,
ergonomic ball valve
with zero restriction
for refrigerant flow.

YELLOW JACKET[®] **Vacuum and Charging** **Hoses – industry** **proven performance**

Featuring *PLUS II[™]*
Hoses with double
barrier construction
for the environment.



Hoses for most
commonly used
refrigerants, plus
new refrigerants,
blends and
azeotropes.

UL recognized assemblies
Rated at 4000 psi burst,
800 psi working pressure
File SA9737

IMPROVED

PLUS II[™] 3/4" Heavy Duty
Charging Hose page 30

YELLOW JACKET® HOSES – there's one for every job with the name you know, the performance you want.

1/4" Flexible Hoses		3/8" Flexible Hoses		1/2" and 5/8" Flexible Hoses	
<ul style="list-style-type: none"> Easily connects to 1/4" Male flare access fitting on system 		<ul style="list-style-type: none"> Evacuates and charges 4 times faster than 1/4" hose 		<ul style="list-style-type: none"> Evacuates and charges 8 times faster than 1/4" hose Allows you to pull a deeper vacuum More efficient job of removing moisture and contaminants from the system 	
YELLOW JACKET Original 1/4" Charging Hose	YELLOW JACKET PLUS II™ 1/4" Charging Hose (Seal Right™, FlexFlow and Ball-Valve ends)	YELLOW JACKET PLUS II™ 3/8" Charging Hose	YELLOW JACKET PLUS II™ 1/2" and 5/8" Charging Hose		
<ul style="list-style-type: none"> All-weather flexible Dependable Adjust-a-Valve™ Opener – Patented valve core depressor allows you to easily open all troublesome, out of tolerance Schrader valves. 	<ul style="list-style-type: none"> Adjust-a-Valve™ Opener – Patented valve core depressor. Easily open all out of tolerance Schrader valves. (SealRight hoses offer different technology.) PLUS II™ hoses offer double barrier protection: <ul style="list-style-type: none"> Nylon permeation barrier meets UL requirements. Moisture barrier provides improved resistance to moisture migration which contaminates expensive refrigerants. Rubber layer for permeation, braid for strength, and outer cover for protection. Fully UL recognized assemblies (File SA9737). 	<ul style="list-style-type: none"> PLUS II™ Hoses with double barrier protection: <ul style="list-style-type: none"> Nylon barrier meets UL permeation requirements. Moisture barrier provides improved resistance to moisture migration which contaminates expensive refrigerants. Higher working pressure. 	<ul style="list-style-type: none"> PLUS II™ Hoses: <ul style="list-style-type: none"> Nylon barrier meets UL permeation requirements. Moisture barrier provides improved resistance to moisture migration which contaminates expensive refrigerants. Large ID reduces vacuum time substantially over 1/4" or 3/8" hose – allowing techs to pull a faster vacuum. Faster refrigerant transfer and faster charging on large systems. Wide selection of fittings are available. Operating temperature -20° to 200°F. 		
Temp: -20° to 180°F (-28.8° to 82.2°C)	Temp: -20° to 180°F (-28.8° to 82.2°C)	Temp: -20° to 200°F (-28.8° to 93.3°C)	Temp: -20° to 200°F (-28.8° to 93.3°C)		
Burst: 2500 psi (172 bar) minimum	Burst: 4000 psi (276 bar) minimum	Burst: 3000 psi (207 bar) minimum	Burst: 3000 psi (207 bar) minimum		
Working: 500 psi (34 bar) maximum	Working: 800 psi (55 bar) maximum	Working: 600 psi (41 bar) maximum	Working: 600 psi (41 bar) maximum		
Safety factor: 5 to 1	Safety Factor: 5 to 1	Safety factor: 5 to 1	Safety factor: 5 to 1		
Available Lengths: 6 inches to 100 feet	Available Lengths: 12 inches to 100 feet	Available Lengths: 12 inches to 100 feet	Available Lengths: 12 inches to 100 feet		

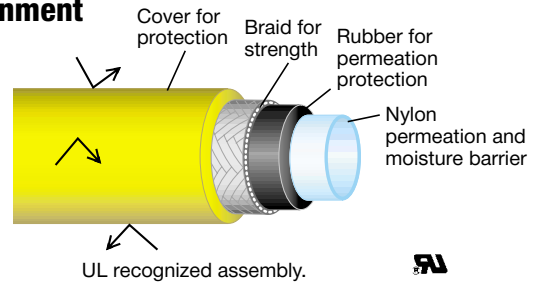
YELLOW JACKET PLUS II™ CHARGING HOSES for the environment

YELLOW JACKET PLUS II Hoses feature multi-laminate construction with double barrier protection to help contain the smaller molecules of newer refrigerants.

1. Nylon permeation barrier meets SAE requirements J2196 for

CFC, HCFC and HFC control and system performance.

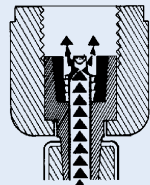
2. Moisture barrier provides maximum resistance to moisture migration which contaminates expensive refrigerants.



Technical paper available on www.yellowjacket.com

Adjust-A-Valve-Opener™

High volume flow pattern



With this patented valve core depressor, you easily open all troublesome out-of-tolerance Schrader valves. Simply adjust height with needle nose pliers. Use again and again. Replacement is convenient.

Hose safety inspection –

Inspect your hoses on a regular basis. If your hoses are more than 5 years old, we recommend that you replace them.

Since 1964, YELLOW JACKET 1/4" Charging Hoses have "year of manufacture" coded on the rim of the nut. A series of dots, I's, X's, O's or A's following YELLOW JACKET indicates the years as follows:

6	1964	5	BBBBB	1996
1	1970	4	BBBB1997	
6	IIIIII	3	BBB	1998
1	I	2	BB	1999
6	XXXXXX	1	B	2000
1	X	6	CCCCCC	2001
6	OOOOOO	5	CCCCC	2002
1	O	4	CCCC	2003
6	AAAAAA	3	CCC	2004
1	A	2	CC	2005
6	BBBBBB	1	C or	2006

YELLOW JACKET® ORIGINAL 1/4" CHARGING HOSES



The YELLOW JACKET original charging hose has been the standard of the industry for more than 50 years. Features in addition to the individual hose inspection, full size brass nuts, adjustable valve opener, and other features and benefits on page 24 –

- 2500 psi (172 bar) min. burst and 500 psi (34 bar) max. working pressure mean a 5-to-1 safety factor
- Specially formulated rubber tube resists most refrigerants and assures long work life
- Blow-off groove channels refrigerant

out of the front of the nut to help prevent spray back

- Hose cover pin-pricked to resist bubbling and bursting
- 6" to 100' lengths in yellow, red, blue, and white. Longer lengths are available
- Brass fittings
- Operating temperature -20° to 180°F (-28.8° to 82.2°C)

3 Paks

- Each hose color-coded for your convenience

- 1/4" straight x 1/4" 45° angle fitting

NOTE: Not all hose products shown are stocked; many are made-to-order with a lead time of 2-3 days.

UPC#	Description/Quantity
19010	1/4" gasket (6 pak) Valve depressor (3 pak)
19020	Replacement gasket (10 pak)
19302	Adjust-a-Valve Opener (10 pak)

L.	Y - yellow	B - blue	W - white	R - red	3 - Pak		
					Y, B, W*	R, Y, B	R, W, B
12"	11012 HA12Y	11212 HA12B	11412 HA12W	11612 HA12R			
24"	11024 HA24Y	11224 HA24B	11424 HA24W	11624 HA24R			
36"	11036 HA36Y	11236 HA36B	11436 HA36W	11636 HA36R	11963	11983	11973
48"	11048 HA48Y	11248 HA48B	11448 HA48W	11648 HA48R	11964	11984	11974
60"	11060 HA60Y	11260 HA60B	11460 HA60W	11660 HA60R	11965	11985	11975
72"	11072 HA72Y	11272 HA72B	11472 HA72W	11672 HA72R	11966	11986	11976
96"	11096 HA96Y	11296 HA96B	11496 HA96W	11696 HA96R	11968	11988	11978
10'	11110 HA120Y	11310 HA120B	11510 HA120W	11710 HA120R			
12'	11112 HA144Y	11312 HA144B	11512 HA144W	11712 HA144R			
25'	11125 HA300Y	11325 HA300B	11525 HA300W	11725 HA300R			
50'	11150 HA600Y	11350 HA600B	11550 HA600W	11750 HA600R			
75'	11175 HA900Y	11375 HA900B	11575 HA900W	11775 HA900R			
100'	11200 HA1200Y	11399 HA1200B	11599 HA1200W	11799 HA1200R			

* Color-coded: Y - yellow; B - blue; W - white; R - red

SPECIAL 1/4" ORIGINAL CHARGING HOSES

YELLOW JACKET 1/4" yellow charging hoses with special fittings include

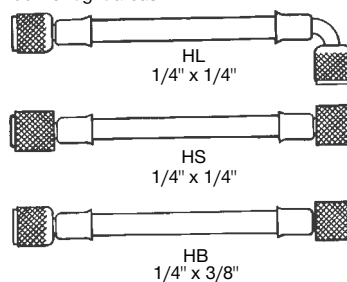
straight, 3/8" and 90° fittings. Other colors are available.

L.	1/4" fl. x 1/4" 90° fl.	1/4" fl. x 1/4" fl.	1/4" fl. x 3/8" fl.
36"	12036 HL36	13036 HS36	14036 HB36
48"	12048 HL48	13048 HS48	14048 HB48
60"	12060 HL60	13060 HS60	14060 HB60
72"	12072 HL72	13072 HS72	14072 HB72

Longer lengths available. Please specify.

UPC#	Description/Quantity
19010	1/4" gasket (6 pak) Valve depressor (3 pak)
19020	Replacement gasket (10 pak)
19302	Adjust-a-Valve Opener (10 pak)

90° for tight areas.



FITTINGS AVAILABILITY FOR 1/4" PREMIUM AND PLUS II HOSES			
Type	Str	45°	90°
1/8" Female flare			
3/16" Female flare			
1/4" Female flare			
1/4" Female SealRight™			
3/8" Female flare			
5/16" Female flare			
1/4" Male flare			
1/8" NPT Male			
1/4" NPT Male			
1/2" Female Acme			
14 mm Male			

Not all hose and fitting combinations are listed in this catalog. Ask for specifics.

YELLOW JACKET® PLUS II™ 1/4" CHARGING HOSES with double barrier protection



UL recognized assemblies (File SA9737)

YELLOW JACKET PLUS II Hoses have proven performance benefits of the original line, plus double barrier protection for CFC, HCFC and HFC (R-404A, R-134a, R-507, R-407C, R-410A, etc.).

1. Nylon permeation barrier meets UL requirements. 1/4" PLUS II

hose is also a UL 1963 recognized component for R-12, R-22, R-500, R-502 and R-134a.

2. **Moisture barrier** provides improved resistance to moisture migration which contaminates expensive refrigerant.

Other features include 4000 psi (276 bar) min. burst and 800 psi (55 bar) max. working pressure for a 5-to-1 safety factor.

Color-coded 3-Pak

- Operating temperature -20° to 180°F (-28.8° to 82.2°C)

PLUS II Hoses - standard 1/4" fittings

L.	Yellow	Blue	Red	3 - Pak
12"	21012	21212	21612	-
24"	21024	21224	21624	-
36"	21036	21236	21636	21983
48"	21048	21248	21648	21984
60"	21060	21260	21660	21985
72"	21072	21272	21672	21986
96"	21096	21296	21696	21988
10'	21110	21310	21710	-
12'	21112	21312	21712	-
25'	21125	21325	21725	-
50'	21150	21350	21750	-
75'	21175	21375	21775	-
100'	21200	21399	21799	-

Multi-length 3-Paks - 21982 two 36", one 60"
21981 two 36", one 72"

UPC#	Description
19020	Replacement gasket (10 pak)
19302	Adjust-a-Valve Opener (10 pak)

YELLOW JACKET PLUS II 1/4" HOSE with FlexFlow™ valve



UL recognized assemblies (File SA9737)

- Valve handle position shows when valve is opened or closed
- Improved smaller ergonomic valve with zero restriction for maximum flow. Metal handle
- Flexible length of hose between valve and fitting makes access easier to tight areas
- 4000 psi (276 bar) min. burst and 800 psi (55 bar) max. working pressure
- Operating temperature -20° to 180°F (-28.8° to 82.2°C)

FlexFlow valve 8" from angle end

L.	Yellow	Blue	Red	3 - Pak
36"	25036	25236	25636	25983
48"	25048	25248	25648	25984
60"	25060	25260	25660	25985
72"	25072	25272	25672	25986
96"	25096	25296	25696	25988
10'	25110	25310	25710	-
12'	25112	25312	25712	-
25'	25125	25325	25725	-
50'	25150	25350	25750	-
75'	25175	25375	25775	-
100'	25199	25399	25799	-

UPC#	Description
19020	Replacement gasket (10 pak)
19302	Adjust-a-Valve Opener (10 pak)

9" FLEXFLOW™ AND LOW LOSS ADAPTER HOSES



Easy retrofit of existing PLUS II hoses with ball valve capabilities. Flexible hose between valve and fitting for handling in tight areas.

- Operating temperature -20° to 180°F (-28.8° to 82.2°C)

Compact Ball Valve Assemblies

UPC#	Description
29001	1/4" yellow ball valve adapter
29201	1/4" blue ball valve adapter
29601	1/4" red ball valve adapter
29980	3-pak: 29001, 29201, 29601
93842	1/4" compact ball valve - 3 Pak
93843	1/4" compact ball valve - 45°

*93842 is a 3 pak of 93843.

UPC#	Description
19011	3/8" Replacement gasket (10 pak)
19026	3/8" "O"-ring (10 pak)
19020	1/4" Replacement gasket (10 pak)
19302	Adjust-a-Valve Opener (10 pak)

FlexFlow™ Assemblies

UPC#	Description
25002	1/4" yellow FlexFlow adapter
25202	1/4" blue FlexFlow adapter
25602	1/4" red FlexFlow adapter
25980	3-pak: 25002, 25202, 25602
25802	1/4" heavy duty FlexFlow adapter
26002	3/8" heavy duty FlexFlow adapter
26202	Yellow std. "B" FlexFlow adapter
27002	Acme 1/2" yellow FlexFlow adapter
19095	Set of 2 handles and screws
93833	1/4" replacement ball valve only
93832	3/8" replacement ball valve only
25001	Replacement yellow hose only
25201	Replacement blue hose only
25601	Replacement red hose only

Underwriters Laboratories Inc. Registered Component Mark.

YELLOW JACKET® PLUS II™ 1/4" HOSE with compact ball valve end



UL recognized assemblies (File SA9737)

- Improved compact design ball valve with metal handle at end of hose fits tight areas and traps all the gas.

- Full flow valve for faster recovery
- Low loss fitting
- Hose and ball valve rated for higher pressure. 4000 psi (276 bar) min. burst and 800 psi (55 bar) max. working pressure uses standard gasket and valve opener
- Operating temperature -20° to 180°F (-28.8° to 82.2°C)

UPC#	Description
19020	Replacement gasket (10 pak)
19302	Adjust-a-Valve Opener (10 pak)

PLUS II hose with ball valve end				
L.	Yellow	Blue	Red	3 - Pak
36"	29036	29236	29636	29983
48"	29048	29248	29648	29984
60"	29060	29260	29660	29985
72"	29072	29272	29672	29986
96"	29096	29296	29696	29988
10'	29110	29310	29710	-
12'	29112	29312	29712	-
25'	29125	29325	29725	-
50'	29150	29350	29750	-
75'	29175	29375	29775	-
100'	29199	29399	29799	-

PLUS II 1/4" HOSE with SealRight™ low loss anti-blow back fitting



UL recognized assemblies (File SA9737)

- Low loss anti-blowback SealRight fitting immediately traps refrigerant in the hose when disconnected, helping meet non-venting regulations and prevent finger burns
- 45° end for easy installation in tight areas

- Gaskets resist deterioration from existing CFCs, plus new HFC refrigerants and oils
- Available with SealRight fittings on both ends
- Operating temperature -20° to 180°F (-28.8° to 82.2°C)
- 4000 psi (276 bar) min. burst, 800 psi (55 bar) max. working pressure

See page 106 for pliers for disassembling end.

Use PLUS II hose with compact ball valve for R-410A, (see above, below and page 34).

UPC#	Description
19020	Replacement gasket (10 pak)
19037	SealRight "O"-ring (10 pak)
19302	Adjust-a-Valve Opener (10 pak)

45° SealRight fitting at one end				
L.	Yellow	Blue	Red	3 - Pak
12"	22012	22212	22612	-
24"	22024	22224	22624	-
36"	22036	22236	22636	22983
48"	22048	22248	22648	22984
60"	22060	22260	22660	22985
72"	22072	22272	22672	22986
96"	22096	22296	22696	22988
10'	22110	22310	22710	-
12'	22112	22312	22712	-
25'	22125	22325	22725	-
50'	22150	22350	22750	-
75'	22175	22375	22775	-
100'	22200	22399	22799	-

Multi-length 3-Paks - 22982 two 36", one 60"
22981 two 36", one 72"

UL recognized assemblies (File SA9737)

YELLOW JACKET PLUS II 1/4" HOSE for 5/16" (1/2 – 20 thread) service ports for R-410A



UL recognized assemblies (File SA9737)

- Available with standard fittings or compact ball valve
- 4000 psi (276 bar) min. burst and 800 psi (55 bar) max. working pressure
- Moisture barrier provides maximum resistance to moisture migration which contaminates expensive refrigerants

- Compatible with both POE and PVE oils
- Operating temperature -20° to 180°F (-28.8° to 82.2°C)

PLUS II hose with 1/4" (7/16 – 20) Female flare on manifold connection and 5/16" (1/2 – 20) Female flare angled on service end

Standard fitting				
L.	Yellow	Blue	Red	3 - Pak
36"	21403	21423	21463	21483
60"	21405	21425	21465	21485
72"	21406	21426	21466	21486

Compact ball valve (R&B 1/4" x 5/16" BV) (Y 1/4" x 1/4" BV)

L.	Yellow	Blue	Red	3 - Pak
36"	29403	29423	29463	29483
60"	29405	29425	29465	29485
72"	29406	29426	29466	29486

PLUS II hose with 5/16" (1/2 – 20) Female flare on manifold connection and 5/16" (1/2 – 20) Female flare angled on service end

Standard fitting				
L.	Yellow	Blue	Red	3 - Pak
36"	21503	21523	21563	21583
60"	21505	21525	21565	21585
72"	21506	21526	21566	21586

Compact ball valve (R&B 1/4" x 5/16" BV) (Y 1/4" x 1/4" BV)

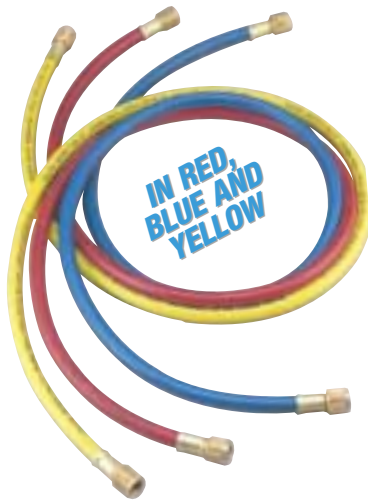
L.	Yellow	Blue	Red	3 - Pak
36"	29003	29203	29603	29993
60"	29005	29205	29605	29995
72"	29006	29206	29606	29996

Replacement parts

Size	Repl. Gasket	Adjust-a-Valve Opener
1/4" and 5/16"	19020	19302

YELLOW JACKET PLUS II™ 3/8" "B" CHARGING HOSE

Special design puts YELLOW JACKET features in a larger volume hose for fast, high vacuum or charging.



Hose uses PLUS II hose technology which includes double barrier and higher working pressure.

- Burst pressure is 3000 psi (207 bar) min. burst with 600 psi (41 bar) max. working pressure

- Operating temperature -20° to 200°F (-28.8° to 93.3°C)
- Larger selection of fittings to fit customer needs

UPC#	Description
19011	3/8" Replacement gasket (10 pak)
19026	3/8" "O"-ring (10 pak)

L.	Most commonly selected					Other selections				
	3/8" fl. str. x 3/8" fl. str			3/8" fl. x Flex-Flow	3/8" fl. str. x 3/8" 45°			3/8" fl. x 3/8" 90°	1/4" fl.str. x 1/4" fl. 45°	
	Yellow	Blue	Red		Yellow	Blue	Red			
36"	14536	B36	27836	28036	26236	18136	28236	28436	20036	20436
48"	14548	B48	27848	28048	26248	18148	28248	28448	20048	20448
60"	14560	B60	27860	28060	26260	18160	28260	28460	20060	20460
72"	14572	B72	27872	28072	26272	18172	28272	28472	20072	20472
96"	14596	B96	27896	28096	26296	18196	28296	28496	20096	20496
10'	14610	B120	27910	28110	26310	18210	28310	28510	20110	20510
12'	14612	B144	27912	28112	26312	18212	28312	28512	20112	20512
25'	14625	B300	27925	28125	26325	18225	28325	28525	20125	20525
50'	14650	B600	27950	28150	26350	18250	28350	28550	20150	20550
75'	14675	B900	27975	28175	26375	18275	28375	28575	20175	20575
100'	14699	B1200	27999	28199	26399	18299	28399	28599	20199	20599

CYLINDER VALVE HOSES with finger tight drum fitting



Designed for finger tight operation on 125 lb. and 145 lb. refrigerant cylinders. Gaskets seal without wrenches.

- Operating temperature -20° to 200°F (-28.8° to 93.3°C)
- 3/8" hose 3000 psi (207 bar) min. burst, 600 psi (41 bar) max. working pressure
- 1/4" heavy duty hose 3500 psi (241 bar) min. burst, 900 psi (62 bar) max. working pressure

L.	UPC #	Part #	Type	Fittings
12"	18612	CVX-12	1/4" heavy duty	1/4" Male flare x 3/4" NPS
12"	18912	CVY-12	3/8" heavy duty	3/8" Male flare x 3/4" NPS
72"	18072	CVH-72	1/4" original	1/4" Female flare x 3/4" NPS
72"	18372	CVB-72	3/8" standard	3/8" Female flare x 3/4" NPS

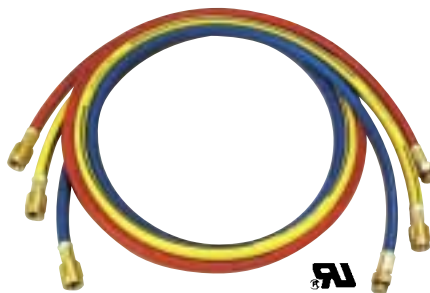
Cylinder valve adapters only. See page 36.

UPC#	Description
18001	Replacement gasket (10 pak)

Ounces of liquid held per foot of hose at 80°F.

Hose	R-12	R-22	R-502	R-134a	R-404A	R-410A
1/4" Original	.34	.31	.32	.31	.28	.28
1/4" PLUS II	.36	.33	.34	.33	.29	.29
3/8" Standard	.85	.77	.78	.77	.68	.68
3/8" Heavy Duty	.70	.63	.64	.64	.56	.56

YELLOW JACKET AUTOMOTIVE MANIFOLD HOSES for R-134a systems



UL recognized assemblies (File SA 9737)

manufactured specifically for automotive applications. Threads are 1/2" Acme Female, 14 mm Male and 1/2" Acme SealRight™ fittings.

- 4000 psi (276 bar) min. burst, 800 psi (55 bar) max. working pressure
- Operating temperature -20° to 180°F (-28.8° to 82.2°C)

L.	Yellow SealRight Straight x 45°	Red 1/2" Fe. Acme x 14 mm Male	Blue 1/2" Fe. Acme x 14 mm Male	3 - Pak
36"	27436	27636	27236	—
48"	27448	27648	27248	—
60"	27460	27660	27260	27102
72"	27472	27672	27272	27101
96"	27496	27696	27296	27104
10'	27510	27710	27310	27103

UPC#	Description
19020	Replacement gasket for 1/4" and 1/2" Acme hose (10 pak)

Longer lengths available. Please specify. These fittings are not suitable for regular HVAC&R applications.

These 1/4" hoses combine PLUS II hose with Acme fittings to meet SAE requirements. You get PLUS II double-barrier protection in a hose

NOTE: These hoses meet SAE requirements J2196 and are UL 1963 recognized components for refrigerants R-12, R-22, R-500, R502 and R-134a.

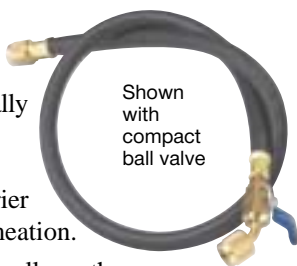
YELLOW JACKET® PLUS II™ 1/4" HEAVY DUTY CHARGING HOSE

Heavy-duty construction for substantially increased service life.

PLUS II barrier reduces permeation.

Flexibility for all-weather easy handling.

- 3500 psi (241 bar) min. burst, 900 psi (62 bar) max. working pressure.
- Operating temperature -20° to 200°F (-28.8° to 93.3°C)



L.	Most commonly selected			Other selections	
	HCA Hose Str. x Angle	Hose with FlexFlow	Hose with ball valve	HCL Hose Str. x 90°	HCS Hose Str. x Str.
12"	15012 HCA-12"	-	-	15212 HCL-12"	15412 HCS-12"
24"	15024 HCA-24"	-	-	15224 HCL-24"	15424 HCS-24"
36"	15036 HCA-36"	25836	29836	15236 HCL-36"	15436 HCS-36"
48"	15048 HCA-48"	25848	29848	15248 HCL-48"	15448 HCS-48"
60"	15060 HCA-60"	25860	29860	15260 HCL-60"	15460 HCS-60"
72"	15072 HCA-72"	25872	29872	15272 HCL-72"	15472 HCS-72"
96"	15096 HCA-96"	25896	29896	15296 HCL-96"	15496 HCS-96"
10'	15110 HCA-120"	25910	29910	Black only. Longer lengths available. Please specify. The position of the new FlexFlow valve lets you know for sure when it's fully opened securely closed or anywhere between.	
12'	15112 HCA-144"	25912	29912		
25'	15125 HCA-300"	25925	29925		
50'	15150 HCA-600"	25950	29950		
75'	15175 HCA-900"	25875	29975		
100'	15199 HCA-1200"	25999	29999		

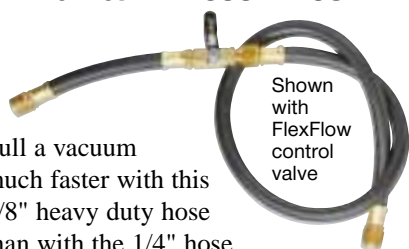
- Pulls 75 micron vacuum or better on 36" hose

UPC#	Description
19020	Replacement gasket (10 pak)

YELLOW JACKET PLUS II 3/8" HEAVY DUTY COMBINATION CHARGING/HI-VACUUM HOSE

Pull a vacuum much faster with this 3/8" heavy duty hose than with the 1/4" hose.

- Permeation resistant PLUS II barrier



- Operating temperature -20° to 200°F (-28.8° to 93.3°C)
- 3000 psi (207 bar) min. burst, 600 psi (41 bar) max. working pressure

L.	Most commonly selected			Other selections			
	3/8" fl. str. x 3/8" fl. str.	3/8" fl. str. & FlexFlow	3/8" fl. x 3/8" 45°	3/8" fl. x 3/8" 90°	3/8" fl. x 1/4" 45°	1/4" fl. x 1/4" 45°	
36"	15636 BC-36"	26036	19636	19836	16236 BCA-36"	20236	
48"	15648 BC-48"	26048	19648	19848	16248 BCA-48"	20248	
60"	15660 BC-60"	26060	19660	19860	16260 BCA-60"	20260	
72"	15672 BC-72"	26072	19672	19872	16272 BCA-72"	20272	
96"	15696 BC-96"	26096	19696	19896	16296 BCA-96"	20296	
10'	15710 BC-120"	26110	19710	19910	Longer lengths available on hose in this chart. Please specify. Longer than 8' not recommended for evacuation.	20310	
12'	15712 BC-144"	26112	19712	19912		20312	
25'	15725 BC-300"	26125	19725	19925		20325	
50'	15750 BC-600"	26150	19750	19950		20350	
75'	15775 BC-900"	26175	19775	19975		20375	
100'	15799 BC-1200"	26199	19799	19999	20399		

UPC#	Description
19026	"O"-ring
19011	Replacement gasket

YELLOW JACKET® PLUS II™ 1/2" and 5/8" HEAVY DUTY COMBINATION CHARGING/HI-VACUUM HOSE



Heavy-use construction with PLUS II barrier technology for use with most refrigerants. Reduces permeation and vacuum loss. Features:

- Large ID reduces vacuum time substantially over 1/4" or 3/8" hose

- Pull a more complete vacuum
- Faster refrigerant transfer
- Faster charging on large systems
- 3000 psi (207 bar) min. burst, 600 psi (41 bar) max. working pressure 1/2" and 5/8" assemblies
- Various fittings available on request
- 1/4" access valve connection standard on one end of CA and DA hoses
- Operating temperature -20° to 200°F (-28.8° to 93.3°C)

L.	Most commonly selected		Other selections			
	"C" 1/2" fl. x 1/2" fl.	"D" 5/8" fl. x 5/8" fl.	"CA" 1/4" angle end x 1/2" fl.	"DA" 1/4" angle end x 3/8" fl.	1/2" fl. x 3/8" fl.	3/8" fl. x 3/8" fl.
36"	15836 C-36"	16036 D-36"	16436 CA-36	16636 DA-36	19236	20636
48"	15848 C-48"	16048 D-48"	16448 CA-48	16648 DA-48	19248	20648
60"	15860 C-60"	16060 D-60"	16460 CA-60	16660 DA-60	19260	20660
72"	15872 C-72"	16072 D-72"	16472 CA-72	16672 DA-72	19272	20672
96"	15896 C-96"	16096 D-96"	16496 CA-96	16696 DA-96	19296	20696
10'	15910 C-120"	16110 D-120"	36" hose will pull to 25 microns and lower.		19310	20710
12'	15912 C-144"	16112 D-144"			19312	20712
25'	15925 C-300"	16125 D-300"	Hoses longer than 8' not recommended for evacuation.		19325	20725
50'	15950 C-600"	16150 D-600"			19350	20750

Black only. Longer lengths available. Specify type, length and fitting combination.

UPC#	Description
19015	1/2" and 5/8" Replacement gaskets
19020	1/4" Replacement gasket
19011	3/8" Replacement gasket

YELLOW JACKET PLUS II 3/4" HEAVY DUTY CHARGING HOSE



Large 3/4" I.D. designed to save time in charging or evacuation of centrifugals and other large systems.

- Now with *PLUS II* barrier technology to reduce permeation
- Constructed for heavy duty use with most refrigerants
- 3000 psi (207 bar) min. burst, 600 psi (41 bar) max. working pressure
- Now available with hex fittings
- Available with steel 3/4" Female, 3/4" Male flares or 3/4" Male pipe
- Operating temperature -20° to 200°F (-28.8° to 93.3°C)

L	3/4" fl. x 3/4" fl. – "O"-ring seal	3/4" hex x 3/4" hex copper gasket seal
12"	18412 E-12"	20812
24"	18424 E-24"	20824
36"	18436 E-36"	20836
48"	18448 E-48"	20848
60"	18460 E-60"	20860
72"	18472 E-72"	20872
96"	18496 E-96"	20896
10'	18510 E-120"	20910
12'	18512 E-144"	20912
25'	18525 E-300"	20925
50'	18550 E-600"	20950

UPC#	Description
19012	Replacement gasket (10 pak)

YELLOW JACKET® AMMONIA CHARGING HOSE

Designed with steel quick couplers at both ends. Features include:

- Regular CH20 gaskets for 1/4" gasket (19010, 19020). CH11 gaskets for 3/8" (19011)
- 1/4" – 3500 psi (241 bar) min. burst, 900 psi (62 bar) max. working pressure
- 3/8" – 3000 psi (207 bar) min. burst, 900 psi (62 bar) max. working pressure



Available black only

- Operating temperature -20° to 180°F (-28.8° to 82.2°C)

1/4" Str. fl. x 1/4" 45°			3/8" Str. fl. both ends	
L.	UPC#	Part#	UPC#	Part#
48"	16848	NHA-48"	19448	NBC-48"
72"	16872	NHA-72"	19472	NBC-72"
96"	16896	NHA-96"	19496	NBC-96"
10'	16910	NHA-120"	19510	NBC-120"
12'	16912	NHA-144"	19512	NBC-144"

Steel half union ammonia fittings

UPC# 16801 (44372) – 1/4" Male fl. x 1/4" NPT Male Str

UPC# 16802 (44376) – 1/4" Male fl. x 1/4" NPT Male 90°

UPC# 16803 – 3/8" Male fl. x 1/4" NPT Male

NH₃ manifolds pages 51 and 58.

AMMONIA HOSE – (permanent installation)



Specially designed 1/2" I.D. hose with steel fittings, 2000 psi (138 bar) min. burst, 400 psi (28 bar) max. working pressure.

Operating temperature -20° to 180°F (-28.8° to 82.2°C).

L.	UPC# 1/4" NPT Male	UPC# 3/8" NPT Male	UPC# 1/2" NPT Male
6'	78506	78406	78306
8'	78508	78408	78308
10'	78510	78410	78310
12'	78512	78412	78312

Other lengths up to 50' available. Please specify length and size.

YELLOW JACKET FUEL OIL ASSEMBLY HOSES

Reinforced hose designed for quick pump to nozzle connection and oil burner connections.

Flexible to absorb vibration and swelling while providing positive cut-off.

- 1250 psi (86 bar) min. burst, 250 psi (17 bar) max. working pressure
- Operating temperature -20° to 180°F (-28.8° to 82.2°C)



Longer lengths available

UPC #	Description	Fittings	Lengths
78041	Pump to nozzle connector	3/16" Fe. fl. x 3/16" Fe. fl.	12"
78042	Pump to nozzle connector	1/4" Fe. fl. x 1/4" Fe. fl.	12"
78112	Pump to nozzle connector or gauge to pump	1/8" NPT Fe. swivel x 1/8" NPT Male	12"
78043	Pump to nozzle connector	3/16" Fe. fl. x 3/16" Fe. fl.	18"
78044	Pump to nozzle connector	1/4" Fe. fl. x 1/4" Fe. fl.	18"

OIL PUMP VIBRATION ELIMINATOR

Reinforced rubber hose helps eliminate noise and vibration when installed in a heating system.



12 inch OA

- 1250 psi (86 bar) min. burst, 250 psi (17 bar) max. working pressure.
- Operating temperature -20° to 180°F (-28.8° to 82.2°C).

UPC #	Description	Fittings
78012	Oil burner connector	3/8" Male flare x 1/4" NPT Male

General info and specs for all stainless steel hose assemblies below

YELLOW JACKET® stainless steel assemblies are 300 series corrugated hose and braid for applications where temperature and pressure could be a problem.

With stainless steel braid wrapping a stainless steel core, all hoses on this page prevent permeation and moisture infusion. Use with all standard refrigeration oils and refrigerants, as well as the new alternative oils and refrigerants including R-123.

Standard and custom length assemblies are made to order. Allow 2-3 days for shipment. Minimum length 12".

Stainless Steel Hose Specifications				
Size	Max psi working*	Flexing bend radius	Permanent bend radius	Temperature/pressure correction
1/4"	1275 (88 bar)	5.5"	1"	68°F – 1.00
3/8"	1000 (69 bar)	6.5"	1-1/4"	200°F – .86
1/2", 5/8"	1200 (83 bar)	8.5"	1-1/2"	300°F – .80
3/4", 7/8"	725 (50 bar)	10"	2"	400°F – .78
1", 1-1/8"	700 (48 bar)	11.5"	2-3/4"	500°F – .77
1-1/4", 1-3/8"	550 (38 bar)	13"	3-1/4"	800°F – .76
1-1/2"	450 (31 bar)	15"	3-3/4"	900°F – .74
2"	450 (31 bar)	17.5"	5"	1000°F – .70
2-1/2"	300 (21 bar)	21"	7"	
3"	350 (24 bar)	23"	9"	

* PSI at 68°F with a four to one safety factor. Core is T-321 SS with 300 Series SS braid.

Applications: vacuum and charging, vibration isolation, movable components, and permanent application.

VACUUM AND CHARGING HOSES

QUICK COUPLER ASSEMBLY – for vacuum & charging

Oversized to increase flow and speed evacuation. Pull 25 microns and better on 36" length. Brass quick coupler.

Other features:

- Standard 45° angle at one end on 1/4" and 3/8"; 90° available
- Straight fittings only on 1/2", 5/8" and 3/4"



OAL	Str. x 45° 1/4" I.D.	Str. x 45° 3/8" I.D.	Str. x Str. 1/2" I.D.	Str. x Str. 1/2" I.D.	Str. x Str. 3/4" I.D.
36"	81636	81736	81836	81936	82036
48"	81648	81748	81848	81948	82048
60"	81660	81760	81860	81960	82060

FLARE ASSEMBLY for display cases etc.



Stainless steel assemblies are made with a combination of male and female flares. Custom assemblies can be made.

SWEAT FITTING ASSEMBLY



Manufactured with copper sweat ends.

- Male sweat to fit inside mating tube

Straight Only			
Female Sweat Fitting		Male Sweat Fitting	
86136	1/4" x 36"	85136	1/4" x 36"
86236	3/8" x 36"	85236	3/8" x 36"
86336	1/2" x 36"	85336	1/2" x 36"
86436	5/8" x 36"	85436	5/8" x 36"
86536	3/4" x 36"	85536	3/4" x 36"
86636	7/8" x 36"	85636	7/8" x 36"
86736	1-1/8" x 36"	85736	1-1/8" x 36"
86836	1-3/8" x 36"	85836	1-3/8" x 36"

- Female sweat to fit outside mating tube

Fl. size x length	Male fl. x Male fl.	Male fl. x Fe fl.	Fe. fl. x Fe. fl.
1/4" x 36"	82136	83136	84136
1/4" x 48"	82148	83148	84148
3/8" x 36"	82236	83236	84236
3/8" x 48"	82248	83248	84248
1/2" x 36"	82336	83336	84336
1/2" x 48"	82348	83348	84348
5/8" x 36"	82436	83436	84436
5/8" x 48"	82448	83448	84448
3/4" x 36"	82536	83536	84536
3/4" x 48"	82548	83548	84548

NOTE: Stainless steel (pg. 31) and Teflon (pg. 32) hoses are made-to-order; lead-time 2-3 working days.

NOTE: Custom lengths are available for all stainless steel hose assemblies on this page.

Get maximum benefit from your YELLOW JACKET metal hoses –

Keep your hoses on the job longer and the YELLOW JACKET warranty in effect by avoiding sharp bending and twisting that causes early failure. The warranty does not cover fatigue failure. Replace gaskets in quick couplers as needed to ensure a proper sealing.

YELLOW JACKET® HIGH PRESSURE CONTROL HOSE for HFC, HCFC and CFC refrigerants



YELLOW JACKET pressure control hose is constructed of a thermoplastic polymer inner tube and cover to eliminate the vibration failures of copper capillary tube installations.

- The higher temperature ratings up to 266°F eliminate the failures caused by maximum loads on rubber hoses
- Polyester braid reinforcement with high tensile strength and high modulus withstand higher pressures

- Clear zinc chromate finish
- Yellow color makes hose easily visible inside system
- 3000 psi (207 bar) min. burst 600 psi (41 bar) max. working pressure
- Hex style fittings with 1/4" SAE thread. Straight or 90° with copper gaskets
- Operating temperature -20° to 266°F (-28.8° to 130°C)

Yellow Hose			
Length* (assembly)	UPC Part Numbers		
	Str. End	Str. End	Str. End x 90° End
12"	78612		78712
18"	78618		78718
24"	78624		78724
30"	78630		78730
36"	78636		78736
48"	78648		78748
60"	78660		78760
72"	78672		78772

UPC#	Description
59652	1/4" replacement copper gasket (10 pak)

ORIGINAL PRESSURE CONTROL HOSE

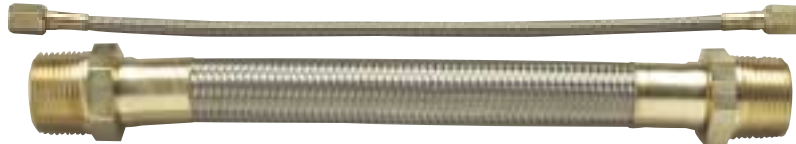


Black Hose		
1/4" Hex Fittings Assemblies Operates to 600 psi and 200°F		
L.	Str. x Str.	Str. x 90°
12"	78212	78113
18"	78218	78118
24"	78224	78124
30"	78230	78130
36"	78236	78136
48"	78248	78148
60"	78260	78160

3/8" Hex Fittings Assemblies Operates to 500 psi and 200°F		
L.	Str. x Str.	Str. x 90°
12"	00101	N/A
18"	00102	N/A
24"	00103	N/A
36"	00104	N/A
48"	00105	N/A
60"	00438	N/A

* Special lengths are readily available

YELLOW JACKET® PTFE HOSE for wide variety of industrial applications including CO²



Specially-designed hose provides strength with stainless steel braid over a PTFE core. Features:

- Resistance to most corrosive materials
- Temperature range from -65° to 450°F (-53.9° to 232.2°C)
- Variety of applications – high and low pressure chemical lines, hot water, steam, oil, air, petroleum

products, food processing and more

- 3/16" – 3/4" Female flare swivel brass fittings; 1/8" – 1" NPT Male brass fittings
- 1/4" 90° x 1/4" straight flare
- Minimum length 12"

UPC#	Description
59652	Replacement gasket (10 pak)

Hose specifications				Brass Fe. flare swivels each end					Brass male pipe each end						
Hose I.D.	Min. burst	Max. W.P.	Min. bend	Flare size	Thread size	UPC# – overall length					Pipe thd.	UPC# – overall length			
						12"	18"	24"	36"	48"		12"	18"	24"	36"
1/8"	12000	3000	2"	3/16"	3/8-24	31112	31118	31124	31136	31148	–	–	–	–	–
3/16"	12000	3000	2"	1/4"	7/16-20	31212	31218	31224	31236	31248	1/8"	32212	32218	32224	32236
3/16"	12000	3000	3"	1/4"	7/16-20 (†)	31012	31018	31024	31036	31048	–	–	–	–	–
1/4"	12000	3000	3"	5/16"	1/2-20	31312	31318	31324	31336	31348	–	–	–	–	–
5/16"	12000	3000	4"	3/8"	5/8-18	31412	31418	31424	31436	31448	1/4"	32412	32418	32424	32436
13/32"	8000	2000	5.2"	1/2"	3/4-16	31512	31518	31524	31536	31548	3/8"	32512	32518	32524	32536
1/2"	8000	2000	6.5"	5/8"	7/8-14	31612	31618	31624	31636	31648	1/2"	32612	32618	32624	32636
5/8"	6000	1500	7.7"	3/4"	1-1/16-14	31712	31718	31724	31736	31748	3/4"	32712	32718	32724	32736
7/8"	4400	1100	8.7"	–	–	–	–	–	–	–	1"	32812	32818	32824	32836

NOTE: Not recommended for refrigerants because of permeation rate.

Brass fittings standard. Stainless available if specified, except for 3/8" and 3/4" flare.

Brass fittings standard. Stainless fittings available if specified.

Note: Above pressures in psi

(†) 1/4" 90° x 1/4" straight hose