

BPV SERIES BULLET PIERCING VALVES



The ONLY Valve with a Permanent Type, Patented Gasket Application!

- Patented Valve Gasket Application Provides 50 Times More Sealing Area than Competitive “O” Ring Types
- A Sealing Force of Over 180 Inch lbs., Torque Tested with 500 lbs., Pressure Tested at 250°F
- Precision Piercing Needle is Engineered for Concentricity and Hardness to Insure Perfect Seating Every Time
- Nonpositional Mounting - No Adapter Valve Required
- Requires Only a 2” Clearance Area for Installation and Operation
- Hex Key Wrench Included - No Additional Tools Required
- Corrosion Resistant Plated
- Max 500 PSIG operating pressure
- Can use on low side of R410 only

Part No.	O.D. Tubing Size	Packaging
BPV31*	1/4", 5/16", 3/8"	12/Box
BPV31D*	1/4", 5/16", 3/8"	48/Box
BPV21*	1/2", 5/8"	8/Box
BPV14	1/4"	12/Box
BPV56	5/16"	12/Box
BPV38	3/8"	12/Box
BPV34	3/4"	1/Box
BPV78	7/8"	1/Box

*Note: BPV31 and BPV21 are furnished with adapter sleeves for indicated multiple use applications

A1 & A2 ADJUSTABLE LINE TAP VALVES



Signature Series of Clamp-On Line Tap Valves Provide Easy Access to System Refrigerant Without Having to Evacuate System.

- Patent Depressor Valve Action
- Mounts in Any Position
- Retracting Needle for Maximum Flow
- Designed for Permanent Use on System
- Hex Wrench and Adapter Sleeves Included
- Max operating 800 PSIG

Part No.	Tube Size O.D.
A1	1/4", 5/16", 3/8"
A2	1/2", 5/8"

CA1 ACCESS CONTROL VALVE



Controls the Flow of All 1/4” SAE Male Flare Depressor Type Valves.

- Purging Port for Air Removal and Safety
- Steel Construction
- Use with Standard Charging Hose

FTV12 SELF TAPPING VALVES



- For Humidifiers, Oil Lines and Steam Systems
- Maximum Operating Pressure 500 PSI
- 3/8” SAE Flare
- 1/2” Steel or Brass Pipe Approx. 7/8” O.D

STV2LL SELF-TAPPING WATER VALVE



- Self Piercing on Copper Tubing or 0.035” Wall Hard PVC
- Fits 3/8” O.D. Through 1 3/8” O.D. Tubing or Pipe
- Can be Installed on Pipe with Existing Hole
- Stainless Steel Piercing Needle
- Low Lead
- Complies with the SDWA Section 1417 (d)
- Molded Gasket has a Two Stage Seal on Both Tubing and Valve
- Threaded Bottom Bracket for Easy Installation
- Includes all Fittings for Copper and Plastic Tubing
- Maximum Water Temperature 180°F/82°C

Part No.	Flow Rate	Outlet	Piercing Needle	Application	Comments
STV2LL	1GPM	1/4” Comp.	1/8” Dia. (hollow)	Ice Maker Kits	Reversible lower bracket, low lead

STV2DLL CONVENTIONAL “DRILL” TYPE VALVE



- Must Pre-Drill 1/4” Hole in Pipe or Tubing
- Increased Water Flow from Standard Water Valve
- Fits Up to 1 3/8” O.D. Copper Tubing
- Fits 1/2” or 3/4” Galvanized Iron Water Pipe
- Flow Rate: 1 GPM
- Maximum Water Temperature 180°F/82°C
- Includes All Fittings for 1/4” O.D. Copper and Plastic Tubing
- Low Lead
- Complies with the SDWA Section 1417 (d)
- Refer to specs on STV2LL above

A-1® SF FITTINGS 1/4" ACCESS FITTINGS WITH 2" LONG COPPER TUBE



SUPCO® Part No.	C&D®	JB®	Description
SF3603	CD3603		3/16" dia. w/ thread below hex. Wrench cap.
SF3604	CD3604		1/4" dia. w/ thread below hex. Wrench cap.
SF3608	CD3608		1/8" dia. w/ thread below hex. Wrench cap
SF3602	CD3602		1/4" dia. w/ thread below hex. 3/16 & 1/8 bushings.
SF3434	CD3434		3/16" dia. w/ thread below hex. 1/8 bushing. Wrench cap.
SF3456	CD3456		5/16" dia. 1/4 bushing. Wrench cap.
SF3605	CD3605		5/16" dia. w/ thread below hex. Wrench cap.
SF3606	CD3606		3/8" dia. Wrench cap.
SF8403	CD8403	A31003	3/16" dia. Standard cap.
SF8404	CD8404	A31004	1/4" dia. Standard cap.
SF8405	CD8405	A31005	5/16" dia. Standard cap
SF8406	CD8406	A31006	3/8" dia. Standard cap.
SF8408	CD8408	A31009	1/8" dia. Standard cap

CAPS, O-RINGS, LOCK NUTS, VALVE CORES, SEALS



SUPCO® Part No.	C&D®	JB®	Description
SF5038	CD5038		1/2" OD hose grommet for 3/8" charging hoses
SF5161	CD5161		5/16" OD x 5/16" neoprene hose grommet
SF5501	CD5501		Teflon O-ring seal for SF5000 series saddle clamp valves
SF5555	CD5555		CRT repair kit for core remover tool with ball valve
SF0099	CD0099		O-ring 7/32" ID. x 11/32 OD. Used for SF5050 coupler
SF0101	CD0101	P90010	O-ring 1/4" ID. x 3/8" OD.
SF0111	CD0111		O-ring 5/16" ID. x 7/16" OD. Used on CRT core depressor couplers
SF1060	CD1060		O-ring 3/16" ID. x 3/8" OD. Used on Brass caps
SF1090	CD1090		O-ring 5/16" ID. x 1/2" OD. Used on CRT core depressor couplers
SF5171	CD5171		Replacement parts, seals, depressor, spring.
SF7466	CD7466		1/2" ACME lock nut. Used on ACME bulkhead fittings
SF3688	CD3688		Hex nut for SF36xx Series
SF3805	CD3805		Valve cores, tube of 6 cores with valve core wrench
SF4450	CD4460	A31999	Valve Core
SF2235	CD2235		1/4" flare hex brass cap with neoprene seal
SF2245	CD2245T	NFT5-4	1/4" flare knurled brass cap with neoprene seal
SF2250	CD2250T	A31997	1/4" flare knurled wrench brass cap with neoprene seal
SF2225	CD2225		1/4" flare hex brass cap with copper gasket seal
SFL1402		SHLD-U4	Safety Locking Cap 1/4" set of 2
SFL1410		SHLD-U12	Safety Locking Cap 1/4" set of 10
SFL1450		SHLD-U50	Safety Locking Cap 1/4" set of 50
SFL51602		SHLD-E4	Safety Locking Cap 5/16" set of 2
SFL51610		SHLD-E12	Safety Locking Cap 5/16" set of 10
SFL51650		SHLD-E50	Safety Locking Cap 5/16" set of 50
CD2290-2	CD2290-2		Locking Refrigerant Cap 1/4" set of 2
CD2290-10	CD2290-10		Locking Refrigerant Cap 1/4" set of 10
CD2290-50	CD2290-50		Locking Refrigerant Cap 1/4" set of 50
CD2295-2	CD2295-2		Locking Refrigerant Cap 5/16" set of 2
CD2295-10	CD2295-10		Locking Refrigerant Cap 5/16" set of 10
CD2295-50	CD2295-50		Locking Refrigerant Cap 5/16" set of 50

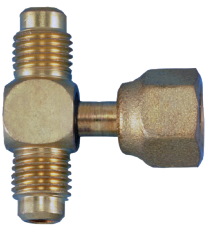


SADDLE VALVES



SUPCO® Part No.	C&D®	JB®	Description
SF5514	CD5514	A32804	CSV for 1/4" line. Hex cap and core
SF5516	CD5516	A32805	CSV for 5/16" line. Hex cap and core
SF5538	CD5538	A32806	CSV for 3/8" line. Hex cap and core
SF5512	CD5512	A32808	CSV for 1/2" line. Hex cap and core
SF5558	CD5558	A32810	CSV for 5/8" line. Hex cap and core
SF5534	CD5534	A32812	CSV for 3/4" line. Hex cap and core
SF5578	CD5578	A32814	CSV for 7/8" line. Hex cap and core
SF5518	CD5518	A32818	CSV for 1-1/8" line. Hex cap and core

TEE FITTINGS



SUPCO® Part No.	C&D®	JB®	Description
SF9601	CD9601		1/4" MF x 1/4" FF w/ dep. tip on run, 1/4" MF on branch
SF9602	CD9602		1/4" MF x 1/4" MF on run, 1/4" FF w/ dep. tip on branch
SF9603	CD9603	A31852	1/4" MF x 1/4" MF on run, 1/4" FF w/ dep. tip on branch. All brass
SF9606	CD9606		1/4" MF x 1/4" FF w/ dep. tip on run, 1/4" FF w/ dep. tip on branch
SF9611	CD9611	A31851	1/4" MF x 1/4" FF w/ dep. tip on run, 1/4" MF on branch. All brass
SF2613	CD2613		1/4" Knurled FF on Run, 1/4" MF on branch. All brass. O-Ring seals
SF5044	CD5044		1/4" Knurled FF x 1/4" MF on Run, 1/4" MF on branch. All brass. O-Ring seal
SF8505	CD8505		5/16" ID & 3/8" OD solder on run, 1/4" MF on branch. All brass
SF8504	CD8504		1/4" ID & 3/8" OD solder on run, 1/4" MF on branch. All brass
SF8506	CD8506		3/8" ID & 1/2" OD solder on run, 1/4" MF on branch. All brass
SF9638		A31238	1/2" ID & 5/8" OD solder on run, 1/4" MF on branch. All brass
SF9614	CD9614	A31514	1/4" MF x 1/4" MPT on run, 1/4" MF on branch. All brass
SF9616	CD9616	A31512	1/4" MF x 1/8" MPT on run, 1/4" MF on branch. All brass
SF9625	CD9615		1/4" MF x 1/4" MF on run, 1/4" MPT on branch. All brass
SF9620	CD9620	A31452	1/4" MF x 1/4" MF on run, 1/8" MPT on branch. All brass
SF9617		A31544	1/4" MF x 1/4" ODS on run, 1/4" MF on branch. All brass
SF9613		A31444	1/4" FE w/nuts on run, 1/4" MF on branch. All brass

VALVES

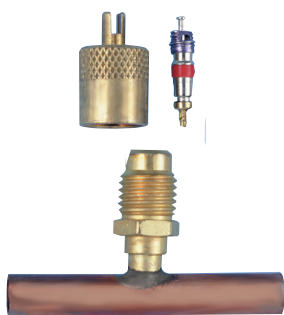


SUPCO® Part No.	C&D®	JB®	Description
SF2050	CD2050		Thumb screw core depressor for 3/16" male flare
SF2060	CD2060	A33500	Thumb screw core depressor for 1/4" male flare
SF2070	CD2070	A33000	Thumb screw core depressor for 1/4" m. flare, depresses core & controls flow
SF2080	CD2080		Thumb screw core depressor for 5/16" male flare
SF5050	CD5050		Miniature thumb screw core depressor for 1/4" male flare
SF5060	CD5060		Miniature thumb screw core depressor for 5/16" male flare
SF4040	CD4040	D10162	Hose end ball valve, 1/4" m. flare x 1/4" female flare swivel, depressor tip

References to original equipment manufacturers' names, models, trademarks and part numbers are used for identification purposes only and SUPCO® replacement products are not in any way affiliated, endorsed or sponsored by such original equipment manufacturers.



COPPER TEE FITTINGS



SUPCO® Part No.	C&D®	JB®	Description
SF8414	CD8414	A31334	Swaged for 1/4" OD tube on run. 1/4" MF on branch
SF8416	CD8416	A31335	Swaged for 5/16" OD tube on run. 1/4" MF on branch
SF8438	CD8438	A31336	Swaged for 3/8" OD tube on run. 1/4" MF on branch
SF8412	CD8412	A31338	Swaged for 1/2" OD tube on run. 1/4" MF on branch
SF8458	CD8458	A31340	Swaged for 5/8" OD tube on run. 1/4" MF on branch
SF8434	CD8434	A31342	For 3/4" OD tube on run. 1/4" MF on branch
SF8478	CD8478	A31344	For 7/8" OD tube on run. 1/4" MF on branch
SF8418		A31348	For 1 1/8" OD tube on run. 1/4" MF on branch
SF8420	CD8420	A31199	1/4" x 3" tube, swaged for 1/4" OD on one side of run. 1/4" MF on branch
SF8425	CD8425		5/16" x 3" tube, swaged for 5/16" OD on one side of run. 1/4" MF on branch
SF8426	CD8426	A31200	3/8" x 3" tube, swaged for 3/8" OD on one side of run. 1/4" MF on branch
SF8427	CD8427	A31201	1/2" x 3" tube, swaged for 1/2" OD on one side of run. 1/4" MF on branch
SF8428	CD8428	A31202	5/8" x 3" tube, swaged for 5/8" OD on one side of run. 1/4" MF on branch
SF8429	CD8429	A31204	3/4" x 3" tube, swaged for 3/4" OD on one side of run. 1/4" MF on branch
SF8431	CD8431		7/8" x 3" tube, swaged for 7/8" OD on one side of run. 1/4" MF on branch
SF5421	CD5421	A31134	For 1/4" ODS, 5/16" ODF on run. 1/4 MF on branch
SF5438		A31135	For 5/16" ODS, 3/8" ODF on run. 1/4 MF on branch
SF5450		A31136	For 3/8" ODS, 1/2" ODF on run. 1/4 MF on branch

ACCESS BODIES



SUPCO® Part No.	C&D®	JB®	Description
SF3600	CD3600	A31736	1/4" MF, w/Thread below hex. 1/8" ID. 3/16", 1/4", 5/16" steps. Cap & core
SF8400	CD8400		1/4" MF. 1/8" ID. 3/16", 1/4", 5/16" steps. Cap & core
SF1200	CD1200		1/4" MF. 3/16" ID. 1/4", 5/16" steps. Cap & core
SF3338	CD3338		1/4" MF. 3/16" ID. 1/4", 3/8" steps. Cap & core
SF2500	CD2500		1/4" MF. 1/4" ID. 5/16" step. Cap & core
SF3346	CD3346		1/4" MF. 1/4" ID. 3/8", 7/16" steps. Cap & core
SF5055	CD5055		1/4" MF. 1/8" ID. 7/32", 5/16" steps. Cap & core
SF4545	CD4545		1/4" MF. 1/8" ID. 9/32", 1/4" steps. Cap & core
SF3358	CD3358		1/4" MF. 5/16" ID. 1/2" step. Cap & core
SF3368	CD3368		1/4" MF. 3/8" ID. 1/2" step. Cap & core
SF3340		A31728	1/4" MF. 1/2" ID. 5/8" step. Cap & core
SF2243	CD2243		1/4" MF x 3/4" long. 1/8" ID. 1/4", 5/16" steps. Cap & core
SF2576	CD2576		1/4" MF x 5/8" long. 1/4" ID. 11/32" step. Cap & core
SF1441	CD1441		1/4" MF x 1/4" MF with one flare nut. Cap & core
SF3342		A31728	1/4" MF. Bulkhead mounting. 1/4" ID. 3/8" step. w/core
SF1818	CC1818	A31482	1/4" MF x 1/8" MPT. Cap & core
SF1414	CC1414	A31484	1/4" MF x 1/4" MPT. Cap & core
SF1819	CC1819		1/4" MF x 1/8" MPT, Elbow. Cap & core
SF3418		A31728	1/4" MF x 1/4" MPT, Elbow. Cap & core
SF2020	CD2020		1/2" Male ACME x 1/4" FF Hex
SF2022	CD2022		1/2" Male ACME x 3/8" FF Hex
SF2024	CD2024		1/2" Male ACME x 1/4" FF Hex. w/valve core, cap & copper gasket
SF1450	CD1450		1/4" MF x 1/4" FF Hex. w/valve core and copper gasket



CONNECTORS



SUPCO® Part No.	C&D®	JB®	Description
SF2000	CD2000		1/4" MF x 1/4" FF Knurled Swivel w/depressor tip and seal
SF2010	CD2010	QC-E4	1/4" MF x 1/4" FF Knurled Swivel 90° w/depressor tip and seal
SF2012	CD2012		1/2" Male ACME x 1/4" FF Knurled Swivel w/depressor tip and seal
SF2014	CD2014		1/4" MPT x 1/4" FF Knurled Swivel w/depressor tip and seal
SF2018	CD2018		1/8" MPT x 1/4" FF Knurled Swivel w/depressor tip and seal
SF2019	CD2019		1/8" FPT x 1/4" FF Knurled Swivel w/depressor tip and seal
SF2028	CD2028		1/4" MF x 1/2" Female ACME Knurled Swivel w/depressor tip and seal
SF2038	CD2038		3/8" MF x 1/4" FF Knurled Swivel w/depressor tip and seal
SF2041	CD2041		1/4" FPT x 1/4" FF Knurled Swivel w/depressor tip and seal
SF2056	CD2056		1/4" MF x 5/16" FF Knurled Swivel 45° w/depressor tip and seal
SF1446	CD1446	D10244	1/4" FF Hex Swivel x 1/4" FF Hex Swivel. No depressor tips
SF1454	CD1454		1/4" MF x 1/4" FF Nut w/depressor tip and valve core
SF2594	CD2594		1/4" x 1 1/4" Long tube. Double flared with 1/4" FF Nut and depressor tip
SF2595	CD2595		1/4" Swaged x 1 1/4" Long tube. Double flared with 1/4" FF Nut and depressor tip
SF2597	CD2597		1/4" MF x 1/4" FF Nut w/depressor tip and valve core. All brass
SF9644	CD9644		(2) 1/4" MF on u-shape, 1/4" FF and 1/4 MF on branch. (2) cores, (1) cap
SF5014	CD5014		1/4" MF x 1/4" FF with floating core depressor
SF8725	CD8725		1/4" MF x 1/4" FF hex with copper gasket. No swivel
SF2035	CD2035	QC-S4	1/4" MF x 1/4" FF Knurled Swivel. Gas retaining
SF2037	CD2037		3/8" MF x 1/4" FF Knurled Swivel. Gas retaining
SF2084	CD2084		1/4" MPT x 1/4" FF Knurled Swivel. Gas retaining
SF2090	CD2090		1/4" MF x 1/4" FF Knurled Swivel 90°. Gas retaining
SF2094	CD2094		1/4" FPT x 1/4" FF Knurled Swivel. Gas retaining
SF2098	CD2098		1/8" FPT x 1/4" FF Knurled Swivel. Gas retaining
SF7265	CD7265		Gauge Access Line Tap with 1/4" FPT. Fits 3/8" OD tube

TOOLS



SUPCO® Part No.	C&D®	JB®	Description
SF3900	CD3900		Core removal tool. For 1/4" flare coupling
SF3910	CD3910		Core remover tool with 1/4" male flare. For 1/4" flare coupling
SF3920	CD3920	A32500N	Core remover tool with ball valve. For 1/4" flare coupling
SF3930	CD3930	A32525N	Core remover tool with ball valve and 1/4" male flare. For 1/4" flare coupling
SF3956	CD3956		Core remover tool with ball valve and 1/4" male flare. For 5/16" flare coupling
SF3975	CD3975		Thermometer. Can be used with "SF39--" series core remover tools.
SF3090	CD3090		Tube Piercing tool. Can be used with "SF39--" series core remover tools.
SF5560	CD5560		Shut off stem for core remover tool without ball valve
SF5577	CD5577		Core wrench tool for "SF39--" series core removal tools
SF3915	CD3915		Pick to remove broken cores for "SF39--" series core removal tools
SF3916	CD3916		Thread chaser to clean internal threads for "SF39--" series core removal tools
SF4311	CD4311	A32100	Tube Piercing Pliers
SF4314	CD4314	A32101	Tube Piercing Pliers Replacement Tip
SF3810	CD3815		Valve core wrench, preset to 5 inch pounds torque. (non-adjustable)
SF3800	CD3800	A32004	Core container/wrench. Holds (3) cores
SF3813	CD3813		Core container/chaser/wrench. Holds (3) cores
SF1808	CD1808	A33600	Oil Tap for semi-hermetic compressors
* CD2290T	CD2290T		Locking Cap Tool

* For use with Locking Refrigerant Caps on Page 73

