



CPVC CTS PRESSURE FITTINGS

Copper Tube Size/100 psi Working Pressure at 180° F ASTM D-2846

Description	Sloane Part #	Size	LTC Part #	SP/MC	List Each
Tee (S x S x S)					
	301-005	1/2"	51405 CTS	20/500	\$0.40
	301-007	3/4"	51407 CTS	20/260	\$0.83
	301-010	1"	51410 CTS	10/100	\$3.95
		1 1/4"	51414 CTS	10/50	\$5.89
		1 1/2"	51415 CTS	5/25	\$7.70
		2"	51420 CTS	5/25	\$12.46


Used to provide a branch supply line from a main line.

Reducing Tee (S x S x S)

	301-101	3/4" x 3/4" x 1/2"	51471 CTS	20/260	\$1.06
	301-094	3/4" x 1/2" x 1/2"	51473 CTS	20/260	\$1.06
		3/4" x 1/2" x 3/4"	51476 CTS	20	\$1.11
		1" x 1" x 1/2"	51475 CTS	5/25	\$7.31
		1" x 1" x 3/4"	51477 CTS	5/25	\$7.31
		1 1/4" x 1 1/4" x 1/2"	51490 CTS	5/25	\$9.61
		1 1/4" x 1 1/4" x 3/4"	51491 CTS	5/25	\$9.61
		1 1/4" x 1 1/4" x 1"	51474 CTS	5/25	\$9.61
		1 1/2" x 1 1/2" x 1/2"	51493 CTS	5/25	\$12.61
		1 1/2" x 1 1/2" x 3/4"	51494 CTS	5/25	\$10.99
		1 1/2" x 1 1/2" x 1"	51495 CTS	5/25	\$8.25
		1 1/2" x 1 1/2" x 1 1/4"	51419 CTS	5/25	\$12.61
		2" x 2" x 1"	51435 CTS	5/25	\$12.46
		2" x 2" x 1 1/4"	51436 CTS	5/25	\$18.16
	2" x 2" x 1 1/2"	51472 CTS	5/25	\$18.16	

Used to provide a branch supply line from a main line. Reduces to smaller pipe size.

90° Elbow (S x S)

	306-005	1/2"	50705 CTS	20/500	\$0.28
	306-007	3/4"	50707 CTS	20/260	\$0.57
	306-010	1"	50710 CTS	10/100	\$1.68
		1 1/4"	50714 CTS	10/100	\$2.92
		1 1/2"	50715 CTS	10/50	\$4.68
		2"	50720 CTS	5/25	\$10.14
	306-101	3/4" x 1/2"	50775 CTS	10/250	\$0.70

Used to change direction in piping.

90° Street Elbow (Spig. x S)

	309-005	1/2"	52905 CTS	10/500	\$0.45
	309-007	3/4"	52907 CTS	10/250	\$0.70

Used to change direction in piping 90° from a fitting socket. Also used in conjunction with a conventional CPVC 90° elbow to fabricate a change of direction or piping at any angle. The #52907 is also a 3/4" X 1/2" reducing elbow in addition to being a 3/4" street elbow.

Description	Sloane Part #	Size	LTC Part #	SP/MC	List Each
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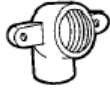
Drop Ear Ell (S x S)



315-005	1/2"	53056 CTS	25	\$1.11
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This elbow is used to change direction in piping and features lugs for fastening. Often used in conjunction with Part No. 530671 Washer Hose Valve for hooking up to automatic clothes washers as well as fabricating water supply piping stub outs for toilet installation. Sometimes called a "Wing" ell.

Drop Ear Ell (S x FIP)



316-005	1/2"	53055 CTS	25	\$1.85
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This elbow adapts from 1/2" CPVC to 1/2" male metal pipe threads and features lugs for fastening. A special elastomeric gasket ensures a leakproof seal. Used on tub and shower faucets to adapt from the 1/2" CPVC riser to the chrome shower arm. Sometimes called a "Wing" ell. **Hand tighten only! This fitting seals by means of a gasket and the use of joint compound or Teflon tape is neither necessary nor recommended.**

Wing Tee



1/2"	53058 CTS	25/50	\$2.06
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Used on lavatory and sink "rough-ins" instead of a conventional tee, providing a more rigid "rough-in" and eliminates the need for tubing hangers. Also provides for rigid mounting of washer valves for automatic washer hose hook-ups at laundry tray.

45° Elbow (S x S)



317-005	1/2"	50605 CTS	20/500	\$0.43
317-007	3/4"	50607 CTS	20/260	\$0.64
	1"	50610 CTS	10/50	\$1.62
	1 1/4"	50614 CTS	10/50	\$3.10
	1 1/2"	50615 CTS	10/50	\$4.87
	2"	50620 CTS	5/25	\$10.29

Used to change direction in piping. Sometimes used in conjunction with a 12" length of CPVC tubing on long runs to absorb expansion.

45° Street Elbow (Spg. x S)



1/2"	52705 CTS	20/500	\$0.64
3/4"	52707 CTS	20/260	\$1.04

Used on close offsets where very short pieces of CPVC pipe would otherwise have to be used with conventional 45° elbows. A principal use is to offset piping over and around existing piping mounted on flat surfaces such as a wall or ceiling.

Coupling (S x S)



329-005	1/2"	50105 CTS	20/500	\$0.36
329-007	3/4"	50107 CTS	20/260	\$0.40
329-010	1"	50110 CTS	10/100	\$1.57
	1 1/4"	50114 CTS	10/100	\$1.85
	1 1/2"	50115 CTS	10/50	\$2.55
	2"	50120 CTS	5/25	\$5.15
329-101	3/4" x 1/2"	50175 CTS	10/500	\$0.42

Used to join straight lengths of CPVC tubing.

Description	Sloane Part #	Size	LTC Part #	SP/MC	List Each
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Bushing (Spg. x S)



337-101	3/4" x 1/2"	50275 CTS	10/500	\$0.40
	1" x 1/2"	50215 CTS	10/100	\$1.10
337-131	1" x 3/4"	50217 CTS	10/100	\$1.10
	1 1/4" x 1/2"	50245 CTS	10/100	\$1.36
	1 1/4" x 3/4"	50247 CTS	10/100	\$1.36
	1 1/4" x 1"	50240 CTS	10/100	\$1.36
	1 1/2" x 1/2"	50255 CTS	10/100	\$1.74
	1 1/2" x 3/4"	50257 CTS	10/100	\$1.74
	1 1/2" x 1"	50250 CTS	10/100	\$1.74
	1 1/2" x 1 1/4"	50254 CTS	10/100	\$1.74
	2" x 1/2"	50225 CTS	10/50	\$4.23
	2" x 3/4"	50227 CTS	10/50	\$4.23
	2" x 1"	50220 CTS	10/100	\$4.23
	2" x 1 1/4"	50224 CTS	10/50	\$4.23
	2" x 1 1/2"	50221 CTS	10/50	\$4.02

Used to reduce from fitting socket to CPVC tubing.

PVC to CPVC Bushing (IPS Spg x CTS Slip)



1/2"	55305 CTS	10/200	\$1.81
3/4"	55307 CTS	10/200	\$1.96
1"	55310 CTS	10/100	\$2.32
1 1/4"	55314 CTS	5/25	\$3.53
1 1/2"	55315 CTS	5/25	\$4.04

Used in COLD WATER APPLICATIONS ONLY to adapt from a PVC fitting socket to CPVC tubing.

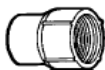
PVC to CPVC Adapter



382-751	3/4" Slip IPS X 3/4" Slip CTS	51577 CTS	25/250	\$1.00
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Used in COLD WATER APPLICATIONS ONLY to adapt from CPVC pipe to PVC pipe.

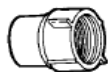
Female Adpt w/Washer (S x FIP)



335-005	1/2"	50305 CTS	20/500	\$1.19
335-007	3/4"	50307 CTS	10/250	\$1.64
	1"	50310 CTS	10/100	\$2.74

Used to adapt metal MIP threaded fittings to CPVC. A special elastomeric gasket ensures a leakproof seal. **Hand tighten only! This fitting seals by means of a gasket and the use of joint compound or Teflon tape is neither necessary nor recommended.**

Hose Coupler



3/4"	53124 CTS	10/50	\$1.64
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Used to adapt male hose threads to CPVC. **This fitting seals by means of a gasket and the use of joint compound or Teflon tape is neither necessary nor recommended.**

Male Hose Adpt (CPVC Ftg x Hose Thrd)

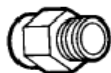


1/2" St X 3/4" Hose	53128 CTS	10/400	\$2.12
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This adapter solvent welds directly into 1/2" CPVC fitting socket and adapts to female hose coupling.

Description	Sloane Part #	Size	LTC Part #	SP/MC	List Each
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Male Adapter (S x MIP)



336-005	1/2"	50405 CTS	20/500	\$0.40
336-007	3/4"	50407 CTS	10/250	\$0.57
336-010	1"	50410 CTS	10/100	\$2.61
	1 1/4"	50414 CTS	10/50	\$3.72
	1 1/2"	50415 CTS	10/50	\$4.57
	2"	50420 CTS	5/25	\$7.61
	3/4" x 1/2"	50475 CTS	10/250	\$0.83

Used to adapt to metal FIP threaded fittings in COLD WATER APPLICATIONS ONLY! Where hot water or changing water temperatures are likely to be encountered, utilize the recommended TRANSITION UNIONS. Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless specifically approved by the manufacturer.

Cap



347-005	1/2"	50155 CTS	10/500	\$0.40
347-007	3/4"	50157 CTS	10/250	\$0.45
347-010	1"	50158 CTS	10/100	\$1.06
	1 1/4"	50159 CTS	10/100	\$1.10
	1 1/2"	50151 CTS	10/50	\$2.06
	2"	50152 CTS	5/25	\$4.40

Used to permanently or temporarily cap CPVC tubing. Most often used in conjunction with short lengths of CPVC tubing to fabricate water hammer arrestors (air chambers) in the CPVC system.

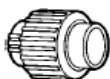
CPVC Transition Tailpiece (Spg.)



375-005	1/2"	50465 CTS	10/250	\$1.36
375-007	3/4"	50467 CTS	10/50	\$1.64

Used to transition from metal tubing directly to CPVC tubing. Must be used in conjunction with a brass compression fitting. Replaces brass ferrule in a brass compression fitting.

Union (SxS)



1/2"	53021 CTS	10/20	\$4.66
3/4"	53026 CTS	10	\$6.70

This union solvent welds directly to CPVC tubing and provides a method of future disassembly of tubing without cutting.

Transition Union (SxS), Brass to CPVC

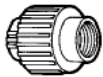


397-005	1/2"	53033 CTS	20	\$8.80
397-007	3/4"	53043 CTS	20	\$12.35

Used to transition from copper or brass tube to CPVC. Permits easy disassembly of piping system. Remove CPVC component and gasket before making sweat connection.

Description	Sloane Part #	Size	LTC Part #	SP/MC	List Each
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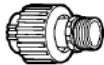
Transition Union (CPVC Slip x FIP)



1/2"	53035 CTS	10/20	\$4.91
3/4"	53040 CTS	10	\$7.23

This special fitting is designed to compensate for the difference in coefficients of expansion which exist between CPVC and metal pipe in hot water applications. Solvent welds directly to CPVC tube and adapts to standard male pipe threads. Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless approved by the manufacturer.

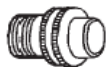
Transition Union (CPVC Slip x MIP)



1/2"	53045 CTS	10/20	\$6.53
3/4"	53050 CTS	10	\$8.31

This special fitting is designed to compensate for the difference in coefficients of expansion which exist between CPVC and metal pipe in hot water applications. Solvent welds directly to CPVC tube and adapts to standard female pipe threads. Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless approved by the manufacturer.

Transition Union (CPVC Slip x Brass MIP)



1/2"	53374 CTS	20	\$10.63
3/4"	53376 CTS	20	\$14.16
1/2 x 3/4"	53037 CTS	20	\$14.48

Used to transition from metal female pipe threads to CPVC. Permits easy disassembly of piping system.

Transition Union (CPVC Slip x Brass FIP)



1/2"	53373 CTS	20	\$10.29
3/4"	53375 CTS	20	\$14.82
1"	53046 CTS	10	\$46.56

Used to transition from metal male pipe threads to CPVC. Permits easy disassembly of piping system.

Trans. Union (CPVC Slip x Brass Comp)



1/2"	53034 CTS	20	\$11.27
3/4"	53044 CTS	10	\$22.09

Used to transition from copper or brass tube to CPVC. Permits easy disassembly of piping system.

Uses replaceable brass ferrule. **Not for use with PEX tubing.**

Drop Ear Elbow (CPVC Slip x Brass FIP)



1/2" (2-PC)	53071 CTS	20	\$11.74
1/2" (1-PC)	57072 CTS	25	\$6.57

Used to transition from metal male pipe threads to CPVC. Provides for rigid installation by mounting elbow to wall. Usually used for shower arm or washer hose valve installation.

Trans. Adapter (CPVC Slip x Brass MIP)

1/2"	57605 CTS	25	\$6.89
3/4"	57607 CTS	20	\$9.76
1"	57610 CTS	10	\$15.64

Description	Sloane Part #	Size	LTC Part #	SP/MC	List Each
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Trans. Adapter (CPVC Slip x Brass FIP)

1/2"	57905 CTS	25	\$6.89
3/4"	57907 CTS	20	\$9.76
1"	57910 CTS	10	\$15.64

Hanger Straps (Styrene)

376-005	1/2"	50/350	\$0.12
376-007	3/4"	50/250	\$0.07

Genogrip Adapter (CPVC to tubing)



1/2" CPVC x 3/8" OD tubing	53010 CTS	25/50	\$3.23
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Solvent welds directly onto 1/2" CPVC tubing and adapts mechanically to 3/8" OD PEX tubing or copper tubing. Most often used to adapt from 1/2" CPVC tubing risers through floor to 3/8" OD poly closet and/or lavatory riser tubes. Can also be used with metal risers.

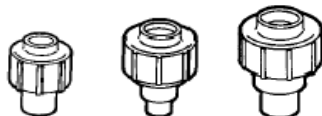
Genogrip Angle Adapter (CPVC to tubing)



1/2" CPVC x 3/8" OD tubing	53060 CTS	10/50	\$4.21
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Solvent welds directly onto 1/2" CPVC tubing and adapts mechanically to 3/8" OD PEX tubing or copper tubing. Most often used to adapt from 1/2" CPVC tubing risers through wall to 3/8" OD poly closet and/or lavatory riser tubes. Can also be used with metal risers.

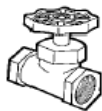
Genogrip Adapter (CPVC to tubing)



1/2" St x 3/8" OD tubing	53070 CTS	25/50	\$3.32
1/2" St x 5/8" OD tubing	53075 CTS	25	\$4.63
3/4" St x 7/8" OD tubing	53085 CTS	10/20	\$5.53

These patented adapters solvent weld directly into standard fittings and adapt mechanically to both PEX tubing and copper tubing by utilizing a special metal gripper ring supplied with the fitting. These fittings can be used in conjunction with CPVC fittings to create an unlimited range of fittings to connect to any type of water supply tubing.

Plastic Stop Valve (FIP)



1/2"	53018 CTS	12	\$6.12
3/4"	53019 CTS	12	\$6.57
1/2" w/Waste	53038 CTS	12	\$6.30
3/4" w/Waste	53039 CTS	12	\$6.85

This valve employs the globe valve principle. Used with male threaded pipe in hot or cold water applications (up to 150 psi @ 180° F). Teflon thread tape is recommended for threaded joints.

Ball Valve (Slip x Slip)

1/2"	57305 CTS	10	\$8.65
1-1/4"	57314 CTS	12	\$25.35
1-1/2"	57315 CTS	10	\$33.41

These ball valves are full flow valves with Teflon® seal and quarter turn operation. For use with CPVC pipe.

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Universal Line Valve



3/4" or 1/2"	53015 CTS	10	\$5.44
3/4" or 1/2" w/Waste	53016 CTS	10	\$6.08
1" or 3/4"	53031 CTS	10	\$5.89
1" or 3/4" w/Waste	53032 CTS	10	\$6.67

This unique valve employs the globe valve principle and is manufactured of high temperature thermoplastics. It is designed to be solvent welded to tubing size CPVC piping. This valve employs the "Street/Socket" feature which allows it to be used with both 1/2", 3/4", and 1" CPVC tubing (2-3/4" couplings are required to attach the valve to 3/4" CPVC tubing. 2-1" couplings are required to attach the valve to 1" CPVC tubing.)

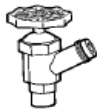
Plastic Boiler Drain (MIP)



1/2"	53028 CTS	12	\$5.72
3/4"	53029 CTS	12	\$5.81

For use with female threaded pipe in cold or hot water up to 150 psi @ 180° F. Has 3/4" Hose thread.
Teflon tape is recommended for threaded joints.

Plastic Boiler Drain (FIP)



1/2"	53048 CTS	12	\$6.33
3/4"	53049 CTS	12	\$6.57

For use with male threaded pipe in cold or hot water up to 150 psi @ 180° F. Has 3/4" Hose thread.
Teflon tape is recommended for threaded joints.

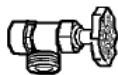
Plastic Angle Boiler Drain (MIP)



1/2"	52033 CTS	12	\$5.65
3/4"	52034 CTS	12	\$5.85

For use with female threaded pipe in cold or hot water up to 150 psi @ 180° F. Has 3/4" Hose thread.
Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless approved by the manufacturer.

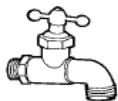
CPVC Boiler Drain (Slip)



1/2"	52028 CTS	12	\$6.33
3/4"	52029 CTS	12	\$6.57

Solvent welds to CPVC pipe for hot and cold water. Has 3/4" hose threads.

Plastic Hose Bibb (MIP)



1/2"	53022 CTS	12	\$6.25
3/4"	53023 CTS	12	\$6.49

For use with female threaded pipe in cold or hot water up to 150 psi @ 180° F. Has 3/4" hose thread.
Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless approved by the manufacturer.

Angle Valve



1/2"	53066 CTS	10	\$7.63
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This unique valve provides for changing directions in piping as well as providing a controlled line flow.

Description	Sloane Part #	Size	LTC Part #	SP/MC	List Each
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Washer Hose Valve (CPVC to Hose Thrd)



1/2"

53067 CTS

10

\$9.40

Solvent welds directly to 1/2" CPVC tubing and adapts to female hose couplings. Most often used in conjunction with #530561 wing elbow to supply water to automatic washing machines.

Sillcock



3/4"

53094 CTS

20

\$6.68

Can be solvent welded directly to 3/4" CPVC water supply line or 1/2" CPVC pipe with a bushing #50275. Also adapts to copper tubing from CPVC pipe by using a Genogrip adapter, #53085.

Flanged Sillcock (FIP)



1/2"

53097 CTS

10

\$7.23

3/4"

53098 CTS

10

\$7.55

This valve adapts to male metal pipe threads. Teflon tape is the accepted method of sealing pipe threads on CPVC fittings. Do not use other materials or compounds unless approved by the manufacturer.

FLOWGUARD® GOLD™ CPVC CTS Fittings are also available.

Website: <http://www.LTConnections.com>

Email: info@ltconnections.com

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