



CPVC Pressure Pipe Fittings & Flanges, Schedule 80

- Gray color
- Flanges max. operating pressure: 150 psi
- Tees read: run x run x outlet

Nontoxic CPVC (chlorinated polyvinyl chloride) pipe fittings and flanges are pressure rated to transport potable water, corrosive liquids, and sewage. CPVC is a strong, rigid thermoplastic material that resists corrosion, chemicals, and rust.

Threaded fittings—Threaded on all connection ends, and use PTFE tape to secure seal.

Socket fittings—Ends fit over the end of pipe and require glue or adhesive to secure the connection.

Socket x spigot fittings—Include a socket (hub or slip) end that fits over a pipe and a spigot (also known as street) end that fits inside a socket. The

spigot end is necessary when a fitting connects to another fitting (not directly to a pipe). These fittings require glue or adhesive to secure the connection.


Socket x threaded fittings—Threaded connections use PTFE tape to secure seal. Socket ends require glue or adhesive to secure connection.


Threaded flanges—Used with pipes that have external threads, so a welded connection is not required. Flanges have a raised face, flat face, or RTJ (ring-type joint) facing, and are often used for small diameter, high pressure requirements.


Blind flanges—Commonly used for testing the flow of gas or liquid through a pipe or vessel by blocking off a section of the pipe that is not used. They typically have a raised, flat, or RTJ (ring-type joint) face.


Socket flanges—Slip over pipe and secure using solvent cement. There are two types of socket, or slip, flanges. One-piece flanges are solid molded parts and once glued to pipeline cannot be turned. The Van Stone flange is a two-piece flange with a rotating ring that makes bolt alignment simple. This flange has one female threaded end that connects to a male threaded fitting or nipple.


Spigot flanges—Fit into a CPVC or PVC fitting. The spigot (also known as street end) fits inside a flange fitting. The spigot end is necessary when a fitting connects to another fitting (not directly to a pipe). These fittings require glue or adhesive to secure the connection.


Description	Fitting Pipe Size	Max. Operating Pressure	Temp. Range	Item No.
Threaded x Threaded Schedule 80 Pipe Fittings				
45° Elbow, FNPT				
	1/4" x 1/4"	565 psi @ 73° F	32° to 200° F	22JZ38
	1/2" x 1/2"	425 psi @ 73° F	32° to 200° F	6ND94
	3/4" x 3/4"	345 psi @ 73° F	32° to 200° F	6ND95
	1" x 1"	315 psi @ 73° F	32° to 200° F	2PLL4
	1 1/4" x 1 1/4"	260 psi @ 73° F	32° to 200° F	2PLL5
	1 1/2" x 1 1/2"	235 psi @ 73° F	32° to 200° F	2PLL6
	2" x 2"	200 psi @ 73° F	32° to 200° F	2PLL7
	3" x 3"	185 psi @ 73° F	32° to 200° F	1VGK5


90° Elbow, FNPT				
	1/4" x 1/4"	565 psi @ 73° F	32° to 200° F	22JZ32
	3/8" x 3/8"	460 psi @ 73° F	32° to 200° F	22JZ33
	1/2" x 1/2"	425 psi @ 73° F	32° to 200° F	6ND76
	3/4" x 3/4"	345 psi @ 73° F	32° to 200° F	6ND77
	1" x 1"	315 psi @ 73° F	32° to 200° F	6ND78
	1 1/4" x 1 1/4"	260 psi @ 73° F	32° to 200° F	6ND79
	1 1/2" x 1 1/2"	235 psi @ 73° F	32° to 200° F	6ND80
	2" x 2"	200 psi @ 73° F	32° to 200° F	2PLL1
	3" x 3"	185 psi @ 73° F	32° to 200° F	1VGJ4
	4" x 4"	160 psi @ 73° F	32° to 200° F	1VGJ6


Cap, FNPT				
	1/4"	—	0° to 176° F	22JZ65
	3/8"	—	0° to 210° F	2PLU9
	1/2"	—	0° to 210° F	2PLV1
	3/4"	—	0° to 210° F	2PLV2
	1"	—	0° to 210° F	2PLV3
	1 1/4"	—	0° to 210° F	2PLV4
	1 1/2"	—	0° to 210° F	2PLV5
	2"	—	0° to 210° F	2PLV6


Coupling, FNPT				
	1/4" x 1/4"	565 psi @ 73° F	32° to 200° F	22JZ46
	3/8" x 3/8"	460 psi @ 73° F	32° to 200° F	22JZ47
	1/2" x 1/2"	425 psi @ 73° F	32° to 200° F	6NF14
	3/4" x 3/4"	345 psi @ 73° F	32° to 200° F	6NF15
	1" x 1"	315 psi @ 73° F	32° to 200° F	6NF16
	1 1/4" x 1 1/4"	260 psi @ 73° F	32° to 200° F	2PLP4
	1 1/2" x 1 1/2"	235 psi @ 73° F	32° to 200° F	2PLP5
	2" x 2"	200 psi @ 73° F	32° to 200° F	6NF18
	3" x 3"	185 psi @ 73° F	32° to 200° F	1VGN1
	4" x 4"	160 psi @ 73° F	32° to 200° F	1VGN3


Hex Head Plug, MNPT				
	1/4"	565 psi @ 73° F	0° to 210° F	6MX23
	3/8"	460 psi @ 73° F	0° to 210° F	6MX24
	1/2"	425 psi @ 73° F	0° to 210° F	6MX25
	3/4"	345 psi @ 73° F	0° to 210° F	6MX26
	1"	315 psi @ 73° F	0° to 210° F	6MX27
	1 1/2"	235 psi @ 73° F	0° to 210° F	6MX28
	2"	200 psi @ 73° F	0° to 210° F	6MX29
	3"	185 psi @ 73° F	0° to 210° F	2PLV7
	4"	160 psi @ 73° F	0° to 210° F	3TNX8


Reducing Bushing, MNPT x FNPT				
	1/2" x 1/4"	425 psi @ 73° F	32° to 200° F	3TNX5
	1/2" x 3/8"	425 psi @ 73° F	32° to 200° F	3TNX6
	3/4" x 1/2"	345 psi @ 73° F	32° to 200° F	6MW98
	1" x 3/4"	315 psi @ 73° F	32° to 200° F	3TNX7
	1" x 3/4"	315 psi @ 73° F	32° to 200° F	6MW99
	1 1/4" x 1"	260 psi @ 73° F	32° to 200° F	6MX01
	1 1/2" x 3/4"	235 psi @ 73° F	32° to 200° F	2PLU5
	1 1/2" x 1"	235 psi @ 73° F	32° to 200° F	3TPV2
	1 1/2" x 1 1/4"	235 psi @ 73° F	32° to 200° F	6MX02
	2" x 1"	200 psi @ 73° F	32° to 200° F	2PLU6
	2" x 1 1/4"	200 psi @ 73° F	32° to 200° F	2PLU7
	2" x 1 1/2"	200 psi @ 73° F	32° to 200° F	6MX03


Reducing Coupling, FNPT				
	1/2" x 1/4"	425 psi @ 73° F	32° to 200° F	22JZ48
	1/2" x 3/8"	425 psi @ 73° F	32° to 200° F	22JZ49
	3/4" x 1/2"	345 psi @ 73° F	32° to 200° F	22JZ50
	1" x 3/4"	315 psi @ 73° F	32° to 200° F	22JZ51
	1 1/2" x 1"	235 psi @ 73° F	32° to 200° F	22JZ52


Description	Fitting Pipe Size	Max. Operating Pressure	Temp. Range	Item No.
Teel, FNPT				
	1/4" x 1/4" x 1/4"	565 psi @ 73° F	32° to 200° F	3TNW6
	3/8" x 3/8" x 3/8"	460 psi @ 73° F	32° to 200° F	3TNW7
	1/2" x 1/2" x 1/2"	425 psi @ 73° F	32° to 200° F	6ND55
	3/4" x 3/4" x 3/4"	345 psi @ 73° F	32° to 200° F	6ND56
	1" x 1" x 1"	315 psi @ 73° F	32° to 200° F	6ND57
	1 1/4" x 1 1/4" x 1 1/4"	260 psi @ 73° F	32° to 200° F	6ND58
	1 1/2" x 1 1/2" x 1 1/2"	235 psi @ 73° F	32° to 200° F	2LUV1
	2" x 2" x 2"	200 psi @ 73° F	32° to 200° F	2TVJ4
	3" x 3" x 3"	185 psi @ 73° F	32° to 200° F	1VGH3


Socket x Socket Schedule 80 Pipe Fittings				
45° Elbow, F Socket				
	1/2" x 1/2"	850 psi @ 73° F	32° to 200° F	6ND82
	3/4" x 3/4"	690 psi @ 73° F	32° to 200° F	6ND83
	1" x 1"	630 psi @ 73° F	32° to 200° F	6ND84
	1 1/4" x 1 1/4"	520 psi @ 73° F	32° to 200° F	6ND85
	1 1/2" x 1 1/2"	470 psi @ 73° F	32° to 200° F	2PLL3
	2" x 2"	400 psi @ 73° F	32° to 200° F	6ND87
	2 1/2" x 2 1/2"	420 psi @ 73° F	32° to 200° F	1VGG8
	3" x 3"	370 psi @ 73° F	32° to 200° F	1VGG1
	4" x 4"	320 psi @ 73° F	32° to 200° F	1VGG3
	6" x 6"	280 psi @ 73° F	32° to 200° F	22JZ36
	8" x 8"	250 psi @ 73° F	32° to 200° F	22JZ37


90° Elbow, F Socket				
	1/2" x 1/2"	850 psi @ 73° F	32° to 200° F	6ND63
	3/4" x 3/4"	690 psi @ 73° F	32° to 200° F	6ND64
	1" x 1"	630 psi @ 73° F	32° to 200° F	6ND65
	1 1/4" x 1 1/4"	520 psi @ 73° F	32° to 200° F	6ND66
	1 1/2" x 1 1/2"	470 psi @ 73° F	32° to 200° F	6ND67
	2" x 2"	400 psi @ 73° F	32° to 200° F	6ND68
	2 1/2" x 2 1/2"	420 psi @ 73° F	32° to 200° F	1VGH7
	3" x 3"	370 psi @ 73° F	32° to 200° F	1VGH9
	4" x 4"	320 psi @ 73° F	32° to 200° F	1VGH2
	6" x 6"	280 psi @ 73° F	32° to 200° F	22JZ30
	8" x 8"	250 psi @ 73° F	32° to 200° F	22JZ31

Cap, F Socket				
	1/4"	—	0° to 210° F	6MX04
	3/8"	—	0° to 210° F	6MX05
	1"	—	0° to 210° F	2PLU8
	1 1/4"	—	0° to 210° F	6MX07
	1 1/2"	—	0° to 210° F	6MX08
	2"	—	0° to 210° F	6MX09
	2 1/2"	—	0° to 210° F	1VGT2
	3"	—	0° to 210° F	1VGT4
	4"	—	0° to 210° F	1VGT6

Coupling, F Socket				
	1/2" x 1/2"	850 psi @ 73° F	32° to 200° F	6NF02
	3/4" x 3/4"	690 psi @ 73° F	32° to 200° F	6NF03
	1" x 1"	630 psi @ 73° F	32° to 200° F	6NF04
	1 1/4" x 1 1/4"	520 psi @ 73° F	32° to 200° F	6NF05
	1 1/2" x 1 1/2"	470 psi @ 73° F	32° to 200° F	6NF06
	2" x 2"	400 psi @ 73° F	32° to 200° F	6NF07
	2 1/2" x 2 1/2"	420 psi @ 73° F	32° to 200° F	1VGG7
	3" x 3"	370 psi @ 73° F	32° to 200° F	1VGG9
	4" x 4"	320 psi @ 73° F	32° to 200° F	1VGL2
	6" x 6"	280 psi @ 73° F	32° to 200° F	22JZ42
	8" x 8"	250 psi @ 73° F	32° to 200° F	22JZ43

Description	Fitting Pipe Size	Max. Operating Pressure	Temp. Range	Item No.
Reducing Coupling, F Socket				
	3/4" x 1/2"	690 psi @ 73° F	32° to 200° F	2PLL9
	1" x 1/2"	630 psi @ 73° F	32° to 200° F	2PLN1
	1 1/2" x 1/2"	470 psi @ 73° F	32° to 200° F	2PLN3
	1 1/2" x 3/4"	470 psi @ 73° F	32° to 200° F	2PLN4
	1 1/2" x 1"	470 psi @ 73° F	32° to 200° F	2PLN5
	1 1/2" x 1 1/4"	470 psi @ 73° F	32° to 200° F	2PLN6
	2" x 1/2"	400 psi @ 73° F	32° to 200° F	2PLN7
	2" x 1"	400 psi @ 73° F	32° to 200° F	2PLN9
	2" x 1 1/4"	400 psi @ 73° F	32° to 200° F	2PLP1
	2" x 1 1/2"	400 psi @ 73° F	32° to 200° F	2PLP2
	2 1/2" x 1 1/2"	420 psi @ 73° F	32° to 200° F	2PLP3
	3" x 2"	370 psi @ 73° F	32° to 200° F	1VGL4
	4" x 2"	320 psi @ 73° F	32° to 200° F	1VGL6
	4" x 3"	320 psi @ 73° F	32° to 200° F	1VGL8

Reducing Tee, F Socket				
	3/4" x 1/2" x 3/4"	690 psi @ 73° F	32° to 200° F	1VGE8
	1" x 1/2" x 1"	630 psi @ 73° F	32° to 200° F	1VGF1
	1" x 3/4" x 1"	630 psi @ 73° F	32° to 200° F	1VGF3
	1 1/4" x 1"	520 psi @ 73° F	32° to 200° F	1VGF5
	1 1/2" x 1 1/2" x 1 1/2"	470 psi @ 73° F	32° to 200° F	22JZ25
	1 1/2" x 3/4" x 1 1/2"	470 psi @ 73° F	32° to 200° F	1VGF7
	1 1/2" x 1" x 1 1/2"	470 psi @ 73° F	32° to 200° F	1VGF9
	2" x 1" x 2"	400 psi @ 73° F	32° to 200° F	1VGG2
	2" x 1 1/2" x 2"	400 psi @ 73° F	32° to 200° F	1VGG4
	3" x 2" x 3"	370 psi @ 73° F	32° to 200° F	1VGG6
	4" x 2" x 4"	320 psi @ 73° F	32° to 200° F	1VGG8
	4" x 3" x 4"	320 psi @ 73° F	32° to 200° F	1VGH1
	6" x 4" x 6"	280 psi @ 73° F	32° to 200° F	22JZ26
	8" x 6" x 8"	250 psi @ 73° F	32° to 200° F	22JZ27

Reducing Wye, F Socket				
	2" x 2" x 1"	235 psi @ 73° F	32° to 200° F	22JZ