

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

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Description	Fitting	Max. Operating	Town Dones	Item			
Description	Threaded 6	Pressure	Temp. Range	No.			
		Schedule 80 Pipe	rittings				
45° Elbow,	16" v 16"	565 psi @ 73° F	32° to 200° F	22JZ38			
	½" x ½" ½" x ½"	425 psi @ 73° F	32° to 200° F	6ND94			
4000	3/4" x 3/4"	345 psi @ 73° F	32° to 200° F	6ND95			
Acres 1	94 X 94	315 psi @ 73° F	32° to 200° F	2PLL4			
	1" x 1" 1¼" x 1¼"	260 psi @ 73° F	32° to 200° F	2PLL5			
	116" v 116"	235 pci @ 73° E	32° to 200° F	2PLL6			
	1½" x 1½" 2" x 2"	235 psi @ 73° F 200 psi @ 73° F	32° to 200° F	2PLL7			
	3" v 3"	185 psi @ 73° F	32° to 200° F	1VGK5			
90° Elbow,	FNPT	100 par @ 70 T	02 t0 200 T	IVUNO			
00 LIBOH,	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			
-	1/4" x 1/4" 3/8" x 3/8" 1/2" x 1/2"	460 psi @ 73° F 425 psi @ 73° F	32° to 200° F 32° to 200° F	6ND76			
	3/4" x 3/4"	345 psi @ 73° F 315 psi @ 73° F	32° to 200° F	6ND77			
1000	3/4" x 3/4" 1" x 1"	315 psi @ 73° F	32° to 200° F	6ND78			
	1" x 1" 1¼" x 1¼"	260 psi @ 73° F	32° to 200° F	6ND79			
	1½" x 1½"	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			
C-10-10	3/4"	_	0° to 210° F	2PLV2			
Million III	1"	_	0° to 210° F	2PLV3			
	11/4"	_	0° to 210° F	2PLV4			
	11/2"	_	0° to 210° F	2PLV5			
	2"	_	0° to 210° F	2PLV6			
Coupling, I	NPT						
37	1/4" x 1/4"	565 psi @ 73° F	32° to 200° F	22JZ46			
	3/8" x 3/8"	460 nsi @ 73° F	32° to 200° F	22JZ47			
		425 psi @ 73° F	32° to 200° F	6NF14			
	3/4" x 3/4" 1" x 1" 11/4" x 11/4" 11/6" x 11/6"		32° to 200° F 32° to 200° F	6NF15			
	1" x 1"	345 psi @ 73° F 315 psi @ 73° F 260 psi @ 73° F 235 psi @ 73° F 200 psi @ 73° F	32° to 200° F	6NF16			
1	11/4" x 11/4"	260 psi @ 73° F	32° to 200° F	2PLP4			
	1½" x 1½"	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			
	1½" x 1½" 2" x 2" 3" x 3" 4" x 4"	185 psi @ 73° F 160 psi @ 73° F	32° to 200° F	1VGN3			
Hex Head P	rug, mit i						
	1/4"	565 psi @ 73 °F	0° to 210° F 0° to 210° F	6MX23			
	3/8"	460 psi @ 73 F	0° to 210° F	6MX24			
	1/2"	425 psi @ /3 °F	0° to 210° F	6MX25			
and the same of th	3/4"	345 psi @ 73 °F	0° to 210° F	6MX26			
	1"	315 psi @ 73 °F	0° to 210° F	6MX27			
	11/2"	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							
	½" x ¼"	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 ½"	315 psi @ 73° F	32° to 200° F	3TNX7			
	1" x ¾"	315 psi @ 73° F	32° to 200° F	6MW99			
	11/4" x 1"	260 psi @ 73° F	32° to 200° F	6MX01			
	1½" x ¾"	235 psi @ 73° F	32° to 200° F	2PLU5			
	1½" x 1"	235 psi @ 73° F	32° to 200° F	3TPV2			
	1½" x 1¼" 2" x 1"	235 psi @ 73° F	32° to 200° F 32° to 200° F	6MX02			
	2 X I	200 psi @ 73° F	32° 10 200° F	2PLU6			
	2" x 11/4" 2" x 11/2"	200 psi @ 73° F	32° to 200° F	2PLU7			
Doducir - C	∠ X 1 ½2"	200 psi @ 73° F	32° to 200° F	6MX03			
Keaucing C	Coupling, FN 1/2" x 1/4" 1/2" x 3/8"	405 poi @ 700 F	200 to 2000 F	22 1740			
	1/2 X 1/4"	425 psi @ 73° F 425 psi @ 73° F	32° to 200° F 32° to 200° F	22JZ48			
1	72 X 9/8	420 psi @ 700 F	32° to 200° F	22JZ49			
4	3/4" x 1/2" 1" x 3/4"	345 psi @ 73° F 315 psi @ 73° F	32° to 200° F 32° to 200° F	22JZ50			
	1 X 9/4	225 poi @ 720 F	32° to 200° F	22JZ51			
	1½" x 1"	235 psi @ 73° F	32 10 200°F	22JZ52			

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.

cally have a raised, flat, or RTJ (ring-type joint) face.						
Description Tee, FNPT	Fitting Pipe SIze	Max. Operating Pressure	Temp. Range	Item No.		
100, 1111 1	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		
	11/4" x 11/4" x 11/4"	260 psi @ 73° F	32° to 200° F	6ND58		
	1½" x 1½" x 1½"	235 psi @ 73° F	32° to 200° F	2LUV1		
	2" x 2" x 2" 3" x 3" x 3"	200 psi @ 73° F	32° to 200° F	2TVJ4		
		185 psi @ 73° F	32° to 200° F	1VGH3		
		lule 80 Pipe Fittin	igs			
45° Elbow,		050 noi @ 700 F	220 to 2000 F	CNDOS		
	1/2" X 1/2"	850 psi @ 73° F	32° to 200° F	6ND82 6ND83		
	3/4" x 3/4" 1" x 1"	690 psi @ 73° F	32° to 200° F 32° to 200° F	6ND84		
100	1" x 1" 1¼" x 1¼"	630 psi @ 73° F	32° to 200° F	6ND85		
	1½" x 1½"	520 psi @ 73° F 470 psi @ 73° F	32° to 200° F	2PLL3		
	2" x 2"	400 psi @ 73° F	32° to 200° F	6ND87		
2	2½" x 2½"	420 psi @ 73° F	32° to 200° F	1VGJ8		
	3" x 3"	370 psi @ 73° F	32° to 200° F	1VGK1		
	4" x 4"	320 psi @ 73° F	32° to 200° F	1VGK3		
	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,						
	1/5" x 1/5"	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		
	11/4" x 11/4"	520 psi @ 73° F	32° to 200° F	6ND66		
1000	11/2" x 11/2"	470 psi @ 73° F	32° to 200° F	6ND67		
	2" x 2"	400 psi @ 73° F	32° to 200° F	6ND68		
	2½" x 2½"	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	1VGJ2		
	6" x 6"	280 psi @ 73° F	32° to 200° F	22JZ30		
0 FC	8" x 8"	250 psi @ 73° F	32° to 200° F	22JZ31		
Cap, F Soc	1/2"		0° to 210° F	6MX04		
	3/4"		0° to 210° F 0° to 210° F	6MX05		
	1"		0° to 210° F	2PLU8		
1	11/4"		0° to 210° F	6MX07		
1	1½"		0° to 210° F	6MX08		
	2"		0° to 210° F	6MX09		
	2½"	_	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		
	11/4" x 11/4"	520 psi @ 73° F	32° to 200° F	6NF05		
The same	1½" x 1½"	470 psi @ 73° F	32° to 200° F	6NF06		
1	2" x 2"	400 psi @ 73° F	32° to 200° F	6NF07		
-	2½" x 2½"	420 psi @ 73° F	32° to 200° F	1VGK7		
	3" x 3"	370 psi @ 73° F	32° to 200° F	1VGK9		
	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		

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.

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Description	Fitting Pipe Size	Max. Operating Pressure	Temp. Range	Item No.			
Reducing	Coupling, F	Socket					
	3/4" ¥ 1/5"	690 nsi @ /3° E	32° to 200° F	2PLL9			
	1" x ½"	630 psi @ 73° F	32° to 200° F	2PLN1			
	1" x 3/4"	630 psi @ 73° F	32° to 200° F	2PLN2			
	1½" x ½"	470 psi @ 73° F	32° to 200° F	2PLN3			
	1½" x ¾" 1½" x 1"	470 psi @ 73° F	32° to 200° F	2PLN4			
	1½ X 1 1½" X 1¼"	470 psi @ 73° F 470 psi @ 73° F	32° to 200° F 32° to 200° F	2PLN5 2PLN6			
	2" x ½"	470 psi @ 73° F	32° to 200° F	2PLN7			
	2" x ½" 2" x 1"	400 psi @ 73° F	32° to 200° F	2PLN9			
		400 poi @ 72º E	32° to 200° F	2PLP1			
	2" x 1½" 2" x 1½"	400 psi @ 73° F	32° to 200° F 32° to 200° F 32° to 200° F	2PLP2			
		420 nsi @ 73° F	32° to 200° F	2PLP3			
	2" x 1½" 2½" x 1½" 3" x 2" 4" x 2"	370 psi @ 73° F 320 psi @ 73° F	32° to 200° 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 Sock						
	x 3/4"	690 psi @ 73° F	32° to 200° F	1VGE8			
	1" x ½" x 1" 1" x ¾" x 1"	630 psi @ 73° F	32° to 200° F	1VGF1			
	1" x ¾" x 1"	630 psi @ 73° F	32° to 200° F	1VGF3			
	11/4" x 1" x 11/4"	520 psi @ 73° F	32° to 200° F	1VGF5			
	X 1½" 1½" x ½" x 1½"	470 psi @ 73° F	32° to 200° F	22JZ25			
	1½" x ¾" x 1½"	470 psi @ 73° F	32° to 200° F	1VGF7			
	1½" x 1" x 1½"	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 1½" 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 nsi @ 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 Sock	et					
	2" x 2" x 1½" 3" x 3" x 1½"	235 psi @ 73° F	32° to 200° F	22JZ92			
	3" x 3" x 1½"	150 psi @ 73° F	32° to 200° F	22JZ93			
	3" x 3" x 2"	150 psi @ 73° F	32° to 200° F	22JZ94			
-	4" x 4" x 2"	150 nsi @ 73° F	32° to 200° F	22JZ95			
1	4" x 4" x 3"	150 psi @ 73° F	32° to 200° F	22JZ96			
	6" x 6" x 3"	150 psi @ 73° F	32° to 200° F	22JZ97			
	6" x 6" x 4"	150 psi @ 73° F	32° to 200° F	22JZ98			
Tee, F Soc	16" v 16"						
	1/2" x 1/2" x 1/2" 3/4" x 3/4" x 3/4"	850 psi @ 73° F	32° to 200° F	6ND42			
	%" X %4" X ¾"	690 psi @ 73° F	32° to 200° F	6ND43			
	1" X 1" X 1"	630 psi @ 73° F	32° to 200° F	6ND44			
	11/4" x 11/4" x 11/4"	520 psi @ 73° F	32° to 200° F	6ND45			
1	1½" x 1½"	470 psi @ 73° F	32° to 200° F	6ND46			
3	x 1½" 2" x 2" x 2"	400 psi @ 73° F	32° to 200° F	6ND47			
	2½" x 2½"	420 psi @ 73° F	32° to 200° F	1VGE2			
	x 2½" 3" x 3" x 3"	370 psi @ 73° F	32° to 200° F	1VGE4			
	3 x 3 x 3 4" x 4" x 4"	320 psi @ 73° F	32° to 200° F	1VGE4			
Union, F S			02 10 200 I	IVALU			
	3" x 3"	150 psi @ 73° F	32° to 200° F	1VGY1			
-	4" x 4"	150 psi @ 73° F	32° to 200° F	1VGY3			
Wye, F Socket							
,0,. 00	11/2" x 11/2"	235 psi @ 73° F	32° to 200° F	1VGY5			
	x 1½"						
	2" x 2" x 2" 3" x 3" x 3"	235 psi @ 73° F	32° to 200° F 32° to 200° F	1VGY7			
10	3" x 3" x 3" 4" x 4" x 4"	150 psi @ 73° F 150 psi @ 73° F	32° to 200° F	1VGY9 1VGZ2			
	6" x 6" x 6"	150 psi @ 73° F	32° to 200° F	22JZ90			
	3 7 3 7 0	.50 poi 10 1	02 10 200 T	223230			

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