

PVC Pressure Pipe Fittings & Flanges, Schedule 80

- Gray color, except compression couplings are white
- Tees read: run x run x outlet

Schedule 80 fittings have thicker walls than Schedule 40, but not as thick as Schedule 100 and are suitable for use in water processing and in water treatment. PVC is a strong thermoplastic that resists ultraviolet (UV), acids, alkalis, oils, and many corrosive inorganic chemicals, making it resistant to the corrosive effects of sewage. Lightweight PVC is nonflammable with good electrical insulation properties, and its smooth interior walls resist scaling. Threaded connections use PTFE tape to secure seal.

Threaded x threaded—Threaded on all connection ends.

Socket x threaded—Include one socket (hub or slip) end and one threaded end. Socket ends require glue or adhesive to secure connection.

Spigot x threaded—Include one spigot (or street) end and a threaded end. The spigot end connects to another fitting and requires glue or adhesive for a secure seal.

Socket x spigot—These 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 needed when a fitting connects to another fitting. Fittings require glue or adhesive to secure the connection.

Socket x socket—Also called slip or hub fittings, the socket ends fit over the end of a PVC pipe and require glue or adhesive to secure the connection.


Compression x compression—Temporarily repair new or existing pipelines and include metal friction rings, iron nuts, and rubber gaskets. They do not require soldering or gluing, but are not as resistant to vibration as soldered or welded fittings.







Threaded x threaded flanges—Threaded on all connection ends.









Blind flanges—They seal the end of piping systems or pressure vessel openings. These flanges help test the flow of gas or liquid through a pipe. Blind flanges typically have a raised, flat, or RTJ (ring-type joint) face.

Socket x socket flanges—Also called slip or hub fittings, the socket ends fit over the end of a PVC pipe and require glue or adhesive to secure the connection.

Spigot x spigot flanges—Include spigots, also called street ends, on both ends to fit inside sockets on other fittings. Require glue or adhesive to secure the connection.

Pipe	Description	Pipe Size (Nominal)	PIPE 10 ft Length Item No.
		1/2 in	6MV20
		3/4 in	6MV21
		1 in	6MV22
		1 1/4 in	6MV23
		1 1/2 in	6MV24
		2 in	6MV25
		2 1/2 in	1VFA3
		3 in	1VEV4
		4 in	1VFA5
		6 in	22FR52
		8 in	22FR53

Description	Fitting Pipe Size	Pipe Fitting Connection Type	Max. Operating Pressure	Temp. Range (°F)	Item No.
Threaded x Threaded Schedule 80 Pipe Fittings					
45° Elbow					
	1/2 in x 1/2 in	FNPT	425 psi @ 73° F	32 to 140	6NG42
	3/4 in x 3/4 in	FNPT	345 psi @ 73° F	32 to 140	6NG43
	1 in x 1 in	FNPT	315 psi @ 73° F	32 to 140	6NG44
	1 1/2 in x 1 1/2 in	FNPT	235 psi @ 73° F	32 to 140	6NG46
	2 in x 2 in	FNPT	200 psi @ 73° F	32 to 140	6NG47
	3 in x 3 in	FNPT	185 psi @ 73° F	32 to 140	1VF61
	4 in x 4 in	FNPT	160 psi @ 73° F	32 to 140	1VF63
90° Elbow					
	1/4 in x 1/4 in	FNPT	565 psi @ 73° F	32 to 140	22JY42
	1/2 in x 1/2 in	FNPT	425 psi @ 73° F	32 to 140	6NG18
	3/4 in x 3/4 in	FNPT	345 psi @ 73° F	32 to 140	6NG19
	1 in x 1 in	FNPT	315 psi @ 73° F	32 to 140	6NG20
	1 1/4 in x 1 1/4 in	FNPT	260 psi @ 73° F	32 to 140	6NG21
	1 1/2 in x 1 1/2 in	FNPT	235 psi @ 73° F	32 to 140	6NG22
	2 in x 2 in	FNPT	200 psi @ 73° F	32 to 140	6NG23
	2 1/2 in x 2 1/2 in	FNPT	210 psi @ 73° F	32 to 140	1VFE7
	3 in x 3 in	FNPT	185 psi @ 73° F	32 to 140	1VFE9
	4 in x 4 in	FNPT	160 psi @ 73° F	32 to 140	1VFF2
Cap					
	1/2 in	FNPT	—	0 to 140	6ND24
	3/4 in	FNPT	—	0 to 140	6ND25
	1 in	FNPT	—	0 to 140	6ND26
	1 1/4 in	FNPT	—	0 to 140	6ND27
	1 1/2 in	FNPT	—	0 to 140	6ND28
	2 in	FNPT	—	0 to 140	6ND29
Coupling					
	3/8 in x 3/8 in	FNPT	460 psi @ 73° F	32 to 140	22JY61
	1/2 in x 1/2 in	FNPT	425 psi @ 73° F	32 to 140	6NG65
	3/4 in x 3/4 in	FNPT	345 psi @ 73° F	32 to 140	6NG66
	1 in x 1 in	FNPT	315 psi @ 73° F	32 to 140	6NG67
	1 1/4 in x 1 1/4 in	FNPT	260 psi @ 73° F	32 to 140	6NG68
	1 1/2 in x 1 1/2 in	FNPT	235 psi @ 73° F	32 to 140	6NG69
	2 in x 2 in	FNPT	200 psi @ 73° F	32 to 140	6NG70
	3 in x 3 in	FNPT	185 psi @ 73° F	32 to 140	1VFJ1
	4 in x 4 in	FNPT	160 psi @ 73° F	32 to 140	1VFJ3
Hex Head Plug					
	1/4 in	MNPT	565 psi @ 73° F	0 to 140	1KA63
	3/8 in	MNPT	460 psi @ 73° F	0 to 140	2NU95
	1/2 in	MNPT	425 psi @ 73° F	0 to 140	2NU96
	3/4 in	MNPT	345 psi @ 73° F	0 to 140	2NU97
	1 in	MNPT	315 psi @ 73° F	0 to 140	2NU98
	1 1/2 in	MNPT	235 psi @ 73° F	0 to 140	2NU99
	1 1/4 in	MNPT	260 psi @ 73° F	0 to 140	3TNV3
	2 in	MNPT	200 psi @ 73° F	0 to 140	2NV10
	3 in	MNPT	185 psi @ 73° F	0 to 140	1VFP5
	4 in	MNPT	160 psi @ 73° F	0 to 140	1VFP7
Reducing Bushing					
	1/2 in x 1/4 in	MNPT x FNPT	425 psi @ 73° F	32 to 140	2PMJ4
	1/2 in x 3/8 in	MNPT x FNPT	425 psi @ 73° F	32 to 140	3TNU3
	3/4 in x 1/4 in	MNPT x FNPT	345 psi @ 73° F	32 to 140	6MV65
	3/4 in x 1/2 in	MNPT x FNPT	345 psi @ 73° F	32 to 140	2PMJ5
	1 in x 1/4 in	MNPT x FNPT	315 psi @ 73° F	32 to 140	6MV66
	1 in x 1/2 in	MNPT x FNPT	315 psi @ 73° F	32 to 140	2PMJ6
	1 in x 3/4 in	MNPT x FNPT	315 psi @ 73° F	32 to 140	2PMJ7
	1 1/4 in x 1/2 in	MNPT x FNPT	260 psi @ 73° F	32 to 140	6MV67
	1 1/4 in x 3/4 in	MNPT x FNPT	260 psi @ 73° F	32 to 140	6MV68

Description	Fitting Pipe Size	Pipe Fitting Connection Type	Max. Operating Pressure	Temp. Range (°F)	Item No.
	1 1/4 in x 1 in	MNPT x FNPT	260 psi @ 73° F	32 to 140	2PMJ8
	1 1/2 in x 3/4 in	MNPT x FNPT	235 psi @ 73° F	32 to 140	6MV69
	1 1/2 in x 1 in	MNPT x FNPT	235 psi @ 73° F	32 to 140	2PMJ9
	1 1/2 in x 1 1/4 in	MNPT x FNPT	235 psi @ 73° F	32 to 140	3TNU4
	2 in x 1 1/2 in	MNPT x FNPT	200 psi @ 73° F	32 to 140	6MV70
	2 in x 3/4 in	MNPT x FNPT	200 psi @ 73° F	32 to 140	6MV71
	2 in x 1 in	MNPT x FNPT	200 psi @ 73° F	32 to 140	6MV72
	2 in x 1 1/4 in	MNPT x FNPT	200 psi @ 73° F	32 to 140	6MV73
	2 in x 1 1/2 in	MNPT x FNPT	200 psi @ 73° F	32 to 140	3TNU5
	3 in x 2 in	MNPT x FNPT	185 psi @ 73° F	32 to 140	1VFN2
	4 in x 2 in	MNPT x FNPT	160 psi @ 73° F	32 to 140	1VFN4
	4 in x 3 in	MNPT x FNPT	160 psi @ 73° F	32 to 140	1VFN6
Reducing Coupling					
	3/8 in x 1/4 in	FNPT	460 psi @ 73° F	32 to 140	22JY62
	1/2 in x 1/4 in	FNPT	425 psi @ 73° F	32 to 140	22JY63
	1/2 in x 3/8 in	FNPT	425 psi @ 73° F	32 to 140	22JY64
	3/4 in x 1/2 in	FNPT	345 psi @ 73° F	32 to 140	22JY65
	1 in x 3/4 in	FNPT	315 psi @ 73° F	32 to 140	22JY66
	1 in x 1 in	FNPT	315 psi @ 73° F	32 to 140	22JY67
	1 1/2 in x 1 in	FNPT	235 psi @ 73° F	32 to 140	22JY69
	2 in x 1 1/2 in	FNPT	200 psi @ 73° F	32 to 140	22JY70
Tee					
	1/4 in x 1/4 in x 1/4 in	FNPT	565 psi @ 73° F	32 to 140	3TNR9
	1/2 in x 1/2 in x 1/2 in	FNPT	425 psi @ 73° F	32 to 140	6NF33
	3/4 in x 3/4 in x 3/4 in	FNPT	345 psi @ 73° F	32 to 140	6NF94
	1 in x 1 in x 1 in	FNPT	315 psi @ 73° F	32 to 140	6NF95
	1 1/4 in x 1 1/4 in x 1 1/4 in	FNPT	260 psi @ 73° F	32 to 140	6NF96
	1 1/2 in x 1 1/2 in x 1 1/2 in	FNPT	235 psi @ 73° F	32 to 140	6NF97
	2 in x 2 in x 2 in	FNPT	200 psi @ 73° F	32 to 140	6NF98
	3 in x 3 in x 3 in	FNPT	185 psi @ 73° F	32 to 140	1VFD6
	4 in x 4 in x 4 in	FNPT	160 psi @ 73° F	32 to 140	1VFD8
Union					
	1/2 in x 1/2 in	FNPT	235 psi @ 73° F	32 to 140	11W266
	3/4 in x 3/4 in	FNPT	235 psi @ 73° F	32 to 140	11W267
	1 in x 1 in	FNPT	235 psi @ 73° F	32 to 140	11W268
	1 1/4 in x 1 1/4 in	FNPT	235 psi @ 73° F	32 to 140	11W269
	1 1/2 in x 1 1/2 in	FNPT	235 psi @ 73° F	32 to 140	11W270
	2 in x 2 in	FNPT	235 psi @ 73° F	32 to 140	11W271
Socket x Threaded Schedule 80 Pipe Fittings					
90° Elbow					
	1/2 in x 1/2 in	F Socket X FNPT	425 psi @ 73° F	32 to 140	2PMD8
	3/4 in x 3/4 in	F Socket X FNPT	345 psi @ 73° F	32 to 140	2PMD9
	1 in x 1 in	F Socket X FNPT	315 psi @ 73° F	32 to 140	2PME1
	1 1/4 in x 1 1/4 in	F Socket X FNPT	260 psi @ 73° F	32 to 140	2PME2
	1 1/2 in x 1 1/2 in	F Socket X FNPT	235 psi @ 73° F	32 to 140	2PME3
	2 in x 2 in	F Socket X FNPT	200 psi @ 73° F	32 to 140	2PME4
	3 in x 3 in	F Socket X FNPT	185 psi @ 73° F	32 to 140	2PME5
Female Adapter					
	1/4 in x 1/4 in	F Socket X FNPT	565 psi @ 73° F	32 to 140	3TNT5
	1/2 in x 1/2 in	F Socket X FNPT	425 psi @ 73° F	32 to 140	6NG76
	3/4 in x 3/4 in	F Socket X FNPT	345 psi @ 73° F	32 to 140	6NG77
	1 in x 1 in	F Socket X FNPT	315 psi @ 73° F	32 to 140	6NG78
	1 1/4 in x 1 1/4 in	F Socket X FNPT	260 psi @ 73° F	32 to 140	6NG79
	1 1/2 in x 1 1/2 in	F Socket X FNPT	235 psi @ 73° F	32 to 140	6MV30
	2 in x 2 in	F Socket X FNPT	200 psi @ 73° F	32 to 140	6MV31
	2 1/2 in x 2 1/2 in	F Socket X FNPT	210 psi @ 73° F	32 to 140	1VFJ5
	3 in x 3 in	F Socket X FNPT	185 psi @ 73° F	32 to 140	1VFJ7
	4 in x 4 in	F Socket X FNPT	160 psi @ 73° F	32 to 140	1VFJ9
Male Adapter					
	1/2 in x 1/2 in	F Socket X MNPT	425 psi @ 73° F	32 to 140	6MV35
	3/4 in x 3/4 in	F Socket X MNPT	345 psi @ 73° F	32 to 140	6MV36
	1 in x 1 in	F Socket X MNPT	315 psi @ 73° F	32 to 140	6MV37
	1 1/4 in x 1 1/4 in	F Socket X MNPT	260 psi @ 73° F	32 to 140	6MV38
	1 1/2 in x 1 1/2 in	F Socket X MNPT	235 psi @ 73° F	32 to 140	6MV39
	2 in x 2 in	F Socket X MNPT	200 psi @ 73° F	32 to 140	6MV40
	2 1/2 in x 2 1/2 in	F Socket X MNPT	210 psi @ 73° F	32 to 140	1VFK2
	3 in x 3 in	F Socket X MNPT	185 psi @ 73° F	32 to 140	1VFK4
	4 in x 4 in	F Socket X MNPT	160 psi @ 73° F	32 to 140	1VFK6
Tee					
	1/2 in x 1/2 in x 1/2 in	F Socket x FNPT x FNPT	425 psi @ 73° F	32 to 140	2TVH8
	3/4 in x 3/4 in x 3/4 in	F Socket x FNPT x FNPT	345 psi @ 73° F	32 to 140	2PMD4
	1 in x 1 in x 1 in	F Socket x FNPT x FNPT	315 psi @ 73° F	32 to 140	2PMD5
	1 1/2 in x 1 1/2 in x 1 1/2 in	F Socket x FNPT x FNPT	235 psi @ 73° F	32 to 140	2PMD6

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