



For ABS Solvent Cement, see page 2822.

PVC Pipe & Pipe Nipples, Schedule 40 & 80

Polyvinyl chloride, or PVC, is a strong thermoplastic that resists ultraviolet (UV) light, acids, alkalis, oils, and many corrosive inorganic chemicals, making it resistant to the corrosive effects of sewage. Lightweight and nonflammable with good electrical insulation properties, and its smooth interior walls resist scaling. Connect with pipe fittings to transport potable water, corrosive liquids, and sewage in industrial and commercial applications. Threaded pipe use PTFE tape to secure seal. **Schedule 40 pipe** has thicker walls than Schedule 10, but not as thick as Schedule 80 pipe. **Schedule 80 pipe** has thicker walls than Schedule 40, but not as thick as Schedule 160 pipe.

SCHEDULE 40: Low-pressure (100-299 psi). For lower pressure, cold water applications.

Nominal Pipe Size	10 ft Item No.
Schedule 40 Unthreaded Low Pressure Pipe, White	
1/2"	SAFJ2 *
3/4"	SAFJ3 *
1"	SAFJ4 *
1 1/4"	SAFJ5 *
1 1/2"	SAFJ6 *
2"	SAFJ7 *
2 1/2"	SAFJ8 *
3"	SAFJ9 *
4"	SAFK0 *
6"	22FR48 *
8"	22FR49 *



Schedule 40 Unthreaded SAFJ2

* GF Piping Systems brand.

SCHEDULE 80: Medium-pressure (300-999 psi). For use in cold, potable water applications.



Schedule 80 Fully Threaded 3TNV7



Schedule 80 Threaded on One End 3HFN2

Nominal Pipe Size	Overall Length	Connection Type	Item No.	Nominal Pipe Size	Overall Length				
					2" Item No.	3" Item No.	4" Item No.	6" Item No.	
Schedule 80 Fully Threaded Medium Pressure Pipe Nipples, Gray				Schedule 80 Threaded on One End Medium Pressure Pipe Nipples, MNPT, Gray					
1/2"	1 13/16"	MNPT	3TNV7	1/2"	—	3HFN2	3HFN3	3HFN4	3HFN5
3/4"	1 19/64"	MNPT	6MV96	3/4"	3HFN6	3HFN7	3HFN8	3HFN9	3HFP1
1 1/4"	1 63/100"	MNPT	6MW14	1/2"	3HFP2	3HFP3	3HFP4	3HFP5	3HFP6
1 1/2"	1 3/4"	MNPT	6MW25	3/4"	3HFP7	3HFP8	3HFP9	3HFR1	3HFR2
2 1/2"	2 1/2"	MNPT	1VFT5	1"	3HFR3	3HFR4	3HFR5	3HFR6	3HFR7
3"	2 63/100"	MNPT	1VF33	1 1/4"	3HFR8	3HFR9	3HFT1	3HFT2	3HFT3
4"	2 29/64"	MNPT	1VFZ1	1 1/2"	3HFT4	3HFT5	3HFT6	3HFT7	3HFT8
				2"	3HFT9	3HFU1	3HFU2	3HFU3	3HFU4
				2 1/2"	—	3HFU5	3HFU6	3HFU7	3HFU8
				3"	—	3HFU9	3HFV1	3HFV2	3HFV3
				4"	—	—	3HFV4	3HFV5	3HFV6

Nominal Pipe Size	Overall Length								
	2" Item No.	2 1/2" Item No.	3" Item No.	4" Item No.	5" Item No.	6" Item No.	8" Item No.	10" Item No.	12" Item No.
Schedule 80 Threaded on Both Ends Medium Pressure Pipe & Pipe Nipples, MNPT, Gray									
1/2"	6MV88	—	6MV89	6MV90	6MV91	6MV92	6MV93	6MV94	6MV95
3/4"	6MV87	—	6MV98	6MV99	6MW01	6MW02	6MW03	—	6MW05
1"	6MV06	—	6MW07	6MW08	6MW09	6MW10	6MW11	6MW12	6MW13
1 1/4"	22JZ07	—	6MW17	6MW19	6MW20	6MW21	3TNV8	3TNV9	6MW24
1 1/2"	6MW26	—	22JZ08	6MW27	6MW28	6MW29	6MW30	3TNW1	6MW32
2"	22EX96	6MW33	6MW34	6MW35	6MW36	6MW37	6MW38	3TNW2	6MW40
2 1/2"	—	—	1VFT7	1VFT9	1VFV2	1VFV4	1VFV6	22JZ09	1VFX1
3"	—	—	1VFX5	1VFX7	1VFX9	1VFY2	1VFY4	1VFY6	1VFY8
4"	—	—	22EX99	1VFX3	1VFX5	1VFX7	1VFX9	1VGA2	1VGA4
6"	—	—	—	22EY02	—	22EY03	22EY04	22EY05	22EY06



Schedule 80 Threaded on Both Ends 6MV87

PVC Pressure Pipe Fittings, Schedule 40

- White color
- Tees read: run x run x outlet

Polyvinyl chloride, or PVC, pipe fittings connect with pipe to transport potable water, corrosive liquids, and sewage in industrial and commercial applications, in irrigation and other outdoor cold water applications. 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—These fittings are 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—Fittings 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.

Spigot x spigot— Include spigots on both ends to fit inside sockets on other fittings. Spigots require glue or adhesive to secure the connection. Spigot ends are needed when a fitting connects to another fitting.

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. Fittings require glue or adhesive to secure the connection.

Socket x socket—These fittings, also called slip or hub fittings, include socket ends on all fitting connection ends. The socket ends fit over the end of a PVC pipe and require glue or adhesive to secure the connection.

Description	Fitting Pipe Size	Pipe Fitting Connection Type	Max. Oper. Press. (psi)	Temp. Range	Item No.
Threaded x Threaded Schedule 40 Pipe Fittings					
90° Elbow					
	1/2" x 1/2"	FNPT	600	32° to 140° F	22FJ74
	3/4" x 3/4"	FNPT	280	32° to 140° F	22FJ97
	1 1/4" x 1 1/4"	FNPT	370	32° to 140° F	22FL93
	1 1/2" x 1 1/2"	FNPT	450	32° to 140° F	22FL94
	2" x 2"	FNPT	330	32° to 140° F	22FL95
90° Street Elbow					
	1/2" x 1/2"	FNPT x MNPT	600	32° to 140° F	22FJ87
	3/4" x 3/4"	FNPT x MNPT	480	32° to 140° F	22FJ98
	1" x 1"	FNPT x MNPT	450	32° to 140° F	22FJ82
1 1/2" x 1 1/2"	FNPT x MNPT	330	32° to 140° F	22FM03	
Cap					
	1/2"	FNPT	600	0° to 140° F	22FJ33
	3/4"	FNPT	480	0° to 140° F	22FJ39
	1 1/2"	FNPT	330	0° to 140° F	22FJ27
	2 1/2"	FNPT	300	0° to 140° F	22FM71
	3"	FNPT	260	0° to 140° F	22FM72
4"	FNPT	220	0° to 140° F	22FM73	
Coupling					
	1/2" x 1/2"	FNPT	600	32° to 140° F	22FJ47
	3/4" x 1/2"	FNPT	480	32° to 140° F	22FM24
	3/4" x 3/4"	FNPT	480	32° to 140° F	22FJ52
	1" x 3/4"	FNPT	450	32° to 140° F	22FM25
	1" x 1"	FNPT	450	32° to 140° F	22FJ45
	2" x 2"	FNPT	280	32° to 140° F	22FM23
Hex Head Cap					
	1"	FNPT	450	0° to 140° F	22FJ31
	1 1/4"	FNPT	370	0° to 140° F	22FJ29
	2"	FNPT	280	0° to 140° F	22FJ36
Hex Head Plug					
	1/2"	MNPT	600	0° to 140° F	22FK10
	3/4"	MNPT	480	0° to 140° F	22FK12
	1"	MNPT	450	0° to 140° F	22FK09
	1 1/4"	MNPT	370	0° to 140° F	22FK08
	1 1/2"	MNPT	330	0° to 140° F	22FK07

Description	Fitting Pipe Size	Pipe Fitting Connection Type	Max. Oper. Press. (psi)	Temp. Range	Item No.
	2"	MNPT	280	0° to 140° F	22FK11
	2 1/2"	MNPT	300	0° to 140° F	22FM76
	3"	MNPT	260	0° to 140° F	22FM77
	4"	MNPT	220	0° to 140° F	22FM78
Reducing Bushing					
	3/8" x 1/4"	MNPT x FNPT	480	32° to 140° F	22FM60
	1/2" x 3/8"	MNPT x FNPT	480	32° to 140° F	22FM61
	3/4" x 1/4"	MNPT x FNPT	480	32° to 140° F	22FM62
	3/4" x 3/8"	MNPT x FNPT	480	32° to 140° F	22FM63
	3/4" x 1/2"	MNPT x FNPT	480	32° to 140° F	22FK66
	1" x 1/2"	MNPT x FNPT	450	32° to 140° F	22FK44
	1" x 3/4"	MNPT x FNPT	450	32° to 140° F	22FK47
	1 1/4" x 3/4"	MNPT x FNPT	370	32° to 140° F	22FK39
	1 1/4" x 1"	MNPT x FNPT	450	32° to 140° F	22FK34
	1 1/2" x 1/2"	MNPT x FNPT	330	32° to 140° F	22FM66
	1 1/2" x 3/4"	MNPT x FNPT	330	32° to 140° F	22FK29
	1 1/2" x 1"	MNPT x FNPT	330	32° to 140° F	22FK24
	1 1/2" x 1 1/4"	MNPT x FNPT	330	32° to 140° F	22FK23
	2" x 1 1/4"	MNPT x FNPT	280	32° to 140° F	22FK58
2" x 1 1/2"	MNPT x FNPT	280	32° to 140° F	22FK57	
2" x 1 1/2"	MNPT x FNPT	280	32° to 140° F	22FK53	
3" x 2"	MNPT x FNPT	260	32° to 140° F	22FM68	
Riser Extender					
	1/2" x 1/2"	MNPT x FNPT	600	32° to 140° F	22FK06
Tee					
	1/2"	FNPT	600	32° to 140° F	22FL01
	3/4"	FNPT	480	32° to 140° F	22FL07
	1"	FNPT	450	32° to 140° F	22FK07
	1 1/4"	FNPT	370	32° to 140° F	22FL80
	1 1/2"	FNPT	330	32° to 140° F	22FL81

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