

Polypropylene Pressure Pipe Fittings & Flanges, Schedule 80



Black color



Fittings and flanges connect with pipe to transport water and chemicals in fertilizer, herbicide, insecticide, wastewater, saltwater, and HVAC applications. Threaded connections use PTFE tape to secure seal.




Threaded x threaded—Threaded on all connection ends.

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

Threaded flanges—Tapered threaded flanges, also called screwed flanges, are used with pipes that have external threads. These flanges have a raised face, flat face, or RTJ (ring-type joint) facing, and are often used for high-pressure requirements.

Description	Fitting Pipe Size	Pipe Fitting Connection Type	Max. Operating Pressure	Item No.
Threaded x Threaded Pipe Fittings, Temp. Range: -20° to 150° F				
45° Street Elbow				
	3/4"	FNPT x MNPT	300 psi	1MKF5
	1"	FNPT x MNPT	300 psi	1MKF7
	1 1/4"	FNPT x MNPT	300 psi	1MKF9
	1 1/2"	FNPT x MNPT	300 psi	1MKG2
	2"	FNPT x MNPT	225 psi	1MKG4
	3"	FNPT x MNPT	300 psi	5MLU5
90° Elbow				
	3/8"	FNPT	300 psi	1MJY4
	1/2"	FNPT	300 psi	1MJY5
	3/4"	FNPT	300 psi	1MJY6
	1"	FNPT	300 psi	1MJY7
	1 1/4"	FNPT	300 psi	1MJY8
	1 1/2"	FNPT	300 psi	1MJY9
	2"	FNPT	300 psi	1MJZ1
	3"	FNPT	300 psi	1MJZ2
90° Street Elbow				
	3/8"	FNPT x MNPT	300 psi	1MKF3
	1/2"	FNPT x MNPT	300 psi	1MKF4
	3/4"	FNPT x MNPT	300 psi	1MKF6
	1"	FNPT x MNPT	300 psi	1MKF8
	1 1/4"	FNPT x MNPT	300 psi	1MKG1
	1 1/2"	FNPT x MNPT	300 psi	1MKG3
	2"	FNPT x MNPT	300 psi	1MKG5
	3"	FNPT x MNPT	300 psi	1MKG6
Cap				
	3/8"	FNPT	—	5MLU8
	1/2"	FNPT	—	1MJW2
	3/4"	FNPT	—	1MJW3
	1"	FNPT	—	1MJW4
	1 1/4"	FNPT	—	1MJW5
	1 1/2"	FNPT	—	1MJW6
	2"	FNPT	—	1MJW7
	3"	FNPT	—	5MLU9
Coupling				
	3/8"	FNPT	300 psi	1MJW8
	1/2"	FNPT	300 psi	1MJW9
	3/4"	FNPT	150 psi	1MJX1
	1"	FNPT	300 psi	1MJX2
	1 1/4"	FNPT	150 psi	1MJX3
	1 1/2"	FNPT	300 psi	1MJX4
	2"	FNPT	300 psi	1MJX5
	3"	FNPT	225 psi	1MJX6

Description	Fitting Pipe Size	Pipe Fitting Connection Type	Max. Operating Pressure	Item No.
Hex Head Plug				
	3/8"	MNPT	—	5MLU6
	1/2"	MNPT	—	1MKA1
	3/4"	MNPT	—	1MKA2
	1"	MNPT	—	1MKA3
	1 1/4"	MNPT	—	1MKAA
	1 1/2"	MNPT	—	1MKAA5
	2"	MNPT	—	1MKAA6
	3"	MNPT	—	1MKAA7
Hex Nipple				
	1/4"	MNPT	300 psi	3DTJ4
	3/8"	MNPT	300 psi	1MJZ3
	1/2"	MNPT	300 psi	1MJZ4
	3/4"	MNPT	300 psi	1MJZ5
	1"	MNPT	300 psi	1MJZ6
	1 1/4"	MNPT	300 psi	1MJZ7
	1 1/2"	MNPT	300 psi	1MJZ8
	2"	MNPT	300 psi	1MJZ9
	3"	MNPT	300 psi	3DTL2
Reducing Bushing				
	3/8" x 1/4"	FNPT x MNPT	300 psi	1MKA8
	1/2" x 1/4"	FNPT x MNPT	300 psi	1MKA9
	1/2" x 3/8"	FNPT x MNPT	300 psi	1MKB1
	3/4" x 1/4"	FNPT x MNPT	300 psi	1MKB3
	3/4" x 3/8"	FNPT x MNPT	300 psi	1MKB4
	3/4" x 1/2"	FNPT x MNPT	300 psi	1MKB5
	1" x 1/4"	FNPT x MNPT	300 psi	1MKB6
	1" x 1/2"	FNPT x MNPT	300 psi	1MKB7
	1" x 3/4"	FNPT x MNPT	300 psi	1MKB8
	1 1/4" x 3/4"	FNPT x MNPT	300 psi	1MKB9
	1 1/4" x 1"	FNPT x MNPT	300 psi	1MKC1
	1 1/2" x 3/4"	FNPT x MNPT	300 psi	1MKC2
	1 1/2" x 1"	FNPT x MNPT	300 psi	1MKC3
	1 1/2" x 1 1/4"	FNPT x MNPT	300 psi	1MKC4
	2" x 3/4"	FNPT x MNPT	300 psi	1MKC5
	2" x 1"	FNPT x MNPT	300 psi	1MKC6
	2" x 1 1/4"	FNPT x MNPT	300 psi	1MKC7
	2" x 1 1/2"	FNPT x MNPT	300 psi	1MKC8
	3" x 1 1/2"	FNPT x MNPT	300 psi	1MKC9
	3" x 2"	FNPT x MNPT	300 psi	1MKD1
	4" x 3"	FNPT x MNPT	300 psi	1MKD2

Description	Fitting Pipe Size	Pipe Fitting Connection Type	Max. Operating Pressure	Item No.
Reducing Coupling				
	1" x 3/4"	FNPT	300 psi	1MKD3
	1 1/2" x 1"	FNPT	300 psi	1MKD4
	1 1/2" x 1 1/4"	FNPT	300 psi	1MKD5
	2" x 1"	FNPT	300 psi	1MKD6
	2" x 1 1/4"	FNPT	300 psi	1MKD7
	2" x 1 1/2"	FNPT	300 psi	1MKD8
	3" x 2"	FNPT	300 psi	1MKD9
Reducing Nipple				
	1/2" x 3/8"	MNPT	300 psi	1MKE1
	3/4" x 1/2"	MNPT	300 psi	1MKE2
	1" x 1/2"	MNPT	300 psi	1MKE3
	1" x 3/4"	MNPT	300 psi	1MKE4
	1 1/4" x 3/4"	MNPT	300 psi	1MKE5
	1 1/4" x 1"	MNPT	150 psi	1MKE6
	1 1/2" x 1"	MNPT	300 psi	1MKE7
	1 1/2" x 1 1/4"	MNPT	150 psi	1MKE8
	2" x 1 1/4"	MNPT	300 psi	1MKE9
	2" x 1 1/2"	MNPT	150 psi	1MKF1
	3" x 2"	MNPT	300 psi	1MKF2
 Tee				
	3/8"	FNPT	300 psi	1MKG7
	1/2"	FNPT	300 psi	1MKG8
	3/4"	FNPT	300 psi	1MKG9
	1"	FNPT	300 psi	1MKH1
	1 1/4"	FNPT	300 psi	1MKH2
	1 1/2"	FNPT	300 psi	1MKH3
	2"	FNPT	300 psi	1MKH4
	3"	FNPT	225 psi	1MKH5

Fitting Pipe Size	Flange Outside Diameter	No. of Bolt Holes	Max. Operating Pressure	Item No.
Blind Flanges, Temp. Range: 0° to 150° F				
2"	6"	4	150 psi	3ELW4
3"	7 1/2"	4	150 psi	3ELW5
Threaded Flanges, Temp. Range: -20° to 150° F				
1"	4 3/16"	4	150 psi	1MJV6
1 1/2"	5"	4	150 psi	1MJV7
2"	6"	4	150 psi	1MJV8
3"	7 1/2"	4	150 psi	1MJV9
4"	9"	8	150 psi	1MJW1

Pipe Size	Required Hole Size	Max. Wall Thickness	Brand	316 Stainless Steel - FNPT Item No.	CPVC - FNPT Item No.	CPVC - FNPT x Socket Item No.	CPVC - Socket Item No.	PVC - FNPT Item No.	PVC - FNPT x Socket Item No.	PVC - Socket x Socket Item No.	Polypropylene - FNPT x FNPT Item No.
EPDM Gasket Material											
1/2"	3/4 in	1 3/8 in	Banjo	—	—	—	—	—	—	—	1MKH6
1/2"	2 3/4 in	1 3/8 in	Hayward	—	—	13L964	—	13L945	13L944	—	13L977
1/2"	3 3/4 in	1 3/8 in	Hayward	—	3CDN8	3CDN7	3CDN9	3CEC4	—	3CEC6	3CDH7
3/4"	1 2/4 in	1 3/8 in	Banjo	1MKH8	—	—	—	—	—	—	—
3/4"	2 1/4 in	1 3/8 in	Hayward	—	—	13L965	—	13L947	13L946	—	13L978
3/4"	2 3/4 in	1 3/8 in	Banjo	—	—	—	—	—	—	—	1MKH7
3/4"	3 3/4 in	1 3/8 in	Hayward	—	3CDP2	3CDP1	3CDP3	3CED1	3CEC8	3CED3	3CDH8
1"	2 3/4 in	2 1/4 in	Banjo	1MKJ1	—	—	—	—	—	—	—
1"	2 7/8 in	1 7/8 in	Hayward	—	—	13L966	—	13L949	13L948	—	13L979
1"	2 9/8 in	2 1/4 in	Banjo	—	—	—	—	—	—	—	1MKH9
1"	3 3/4 in	1 7/8 in	Hayward	—	3CDP5	3CDP4	3CDP6	3CED7	3CED5	3CED9	3CDH9
1 1/4"	3/4 in	2 1/4 in	Banjo	—	—	—	—	—	—	—	1MKJ2
1 1/4"	2 3/4 in	2 1/4 in	Banjo	1MKJ3	—	—	—	—	—	—	—
1 1/4"	3 in	2 3/8 in	Hayward	—	—	—	—	13L951	13L950	—	13L980
1 1/4"	4 in	2 3/2 in	Hayward	—	3CDP8	3CDP7	3CDP9	3CEE3	3CEE1	3CEE5	3CDJ1
1 1/2"	1 in	3 in	Banjo	—	—	—	—	—	—	—	1MKJ4
1 1/2"	2 3/8 in	3 in	Banjo	1MKJ5	—	—	—	—	—	—	—
1 1/2"	3 in	2 3/8 in	Hayward	—	—	13L967	—	13L953	13L952	—	13L981
1 1/2"	4 in	2 3/2 in	Hayward	—	3CDR2	3CDR1	3CDR3	3CEE9	3CEE7	3CEF2	3CDJ2
2"	1 in	3 in	Banjo	—	—	—	—	—	—	—	1MKJ6
2"	2 3/8 in	3 in	Banjo	1MKJ7	—	—	—	—	—	—	—
2"	3 1/4 in	3 1/4 in	Hayward	—	—	13L968	—	13L955	13L954	—	13L982
2"	4 1/4 in	3 1/4 in	Hayward	—	3CDR5	3CDR4	3CDR6	3CEF6	3CEF4	3CEF8	3CDJ3
3"	1 1/2 in	4 1/2 in	Banjo	—	—	—	—	—	—	—	1MKJ8
3"	2 1/2 in	4 3/8 in	Banjo	1MKJ9	—	—	—	—	—	—	—
3"	3 3/8 in	4 1/2 in	Hayward	—	—	13L969	—	13L957	13L956	—	13L983
3"	4 1/2 in	4 1/2 in	Hayward	—	3CDR8	3CDR7	3CDR9	3CEG5	3CEG1	3CEG5	3CDJ4
4"	5 3/4 in	5 3/4 in	Hayward	—	3CDT2	3CDT1	3CDT3	3CEG9	3CEG7	3CEH2	3CDJ5
6"	8 in	8 1/8 in	Hayward	—	3CDT5	3CDT4	3CDT6	3CEH6	3CEH4	3CEH8	3CDJ6
FPM Gasket Material											
1/2"	2 3/4 in	1 3/8 in	Hayward	—	—	—	13L958	—	13L931	13L930	—
1/2"	3 3/4 in	1 3/8 in	Hayward	—	3CDJ8	3CDJ7	3CDJ9	2WYX5	2WYX2	2WYX9	3CDG7
3/4"	2 1/4 in	1 3/8 in	Hayward	—	—	—	13L959	—	13L933	—	13L971
3/4"	3 3/4 in	1 3/8 in	Hayward	—	3CDK2	3CDK1	3CDK3	2WYX8	2WYX7	2WYZ7	3CDG8
1"	2 1/4 in	1 7/8 in	Hayward	—	—	—	13L960	—	13L935	13L934	13L972
1"	3 3/4 in	1 7/8 in	Hayward	—	3CDK5	3CDK4	3CDK6	2WZA7	2WZA6	2WZA9	3CDG9
1 1/4"	3 in	2 3/8 in	Hayward	—	—	—	—	13L937	13L936	—	13L973
1 1/4"	4 in	2 3/2 in	Hayward	—	3CDK8	3CDK7	3CDK9	2WZC5	2WZC4	2WZC9	3CDH1
1 1/2"	3 in	2 3/8 in	Hayward	—	—	—	13L961	—	13L939	—	13L974
1 1/2"	4 in	2 3/2 in	Hayward	—	3CDL2	3CDL1	3CDL3	2WZF5	2WZF9	2WZF3	3CDH2
2"	3 1/4 in	3 1/4 in	Hayward	—	—	—	13L962	—	13L941	13L940	13L975
2"	4 1/4 in	3 1/4 in	Hayward	—	3CDL5	3CDL4	3CDL6	3CDF5	3CDF4	3CDF6	3CDH3
3"	3 3/8 in	4 1/2 in	Hayward	—	—	—	13L963	—	13L943	13L942	13L976
3"	4 1/										