

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				
	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
	3/4"	FNPT	300 psi	1MJY5
	1"	FNPT	300 psi	1MJY6
	1 1/2"	FNPT	300 psi	1MJY7
	3/4"	FNPT x MNPT	300 psi	1MKF6
	1"	FNPT x MNPT	300 psi	1MKF8
	1 1/2"	FNPT x MNPT	300 psi	1MKG3
	2"	FNPT	300 psi	1MKG5
	3"	FNPT x MNPT	300 psi	1MKG6
	1 1/2"	FNPT	—	1MJW6
	2"	FNPT	—	1MJW7
	3"	FNPT	—	5MLU9

Description	Fitting Pipe Size	Pipe Fitting Connection Type	Max. Operating Pressure	Item No.
	1/2"	MNPT	—	1MKA1
	3/4"	MNPT	—	1MKA2
	1"	MNPT	—	1MKA3
	2"	MNPT	—	1MKA6
	1/2"	MNPT	300 psi	1MJZ4
	3/4"	MNPT	300 psi	1MJZ5
	1"	MNPT	300 psi	1MJZ6
	1 1/2"	MNPT	300 psi	1MJZ8
	2"	MNPT	300 psi	1MJZ9
	3"	MNPT	300 psi	3DTL2
	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 1/2"	FNPT x MNPT	300 psi	1MKB7
	1" x 3/4"	FNPT x MNPT	300 psi	1MKB8
	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 1/2"	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.	
	1 1/2" x 1 1/4"	FNPT	300 psi	1MKD5	
	2" x 1"	FNPT	300 psi	1MKD6	
	2" x 1 1/2"	FNPT	300 psi	1MKD8	
	3" x 2"	FNPT	300 psi	1MKD9	
	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 1/2" x 1"	MNPT	300 psi	1MKE7	
	2" x 1 1/2"	MNPT	150 psi	1MKF1	
3" x 2"	MNPT	300 psi	1MKF2		
	1/2"	FNPT	300 psi	1MKG8	
	3/4"	FNPT	300 psi	1MKG9	
	1"	FNPT	300 psi	1MKH1	
	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 1/8"	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	1MJV1

Bulkhead Tank Fittings

■ For curved, flat tank shape ■ EPDM gasket

Connect pipes, valves, and spigots to tanks to form an inlet or outlet for fluids to flow freely for draining and filling. Also used to distribute fluids through piping systems in industrial and agricultural applications.

Through-Wall Fittings install on wall of tank, drum, or fluid container by inserting the shaft through the hole of the tank from the inside so that the shaft is sticking out of the tank. A gasket seals the internal fitting as a nut is threaded onto the exposed shaft to secure it to the tank. **Bolt-On Fittings** install on a tank, drum, or fluid container with flanged components that fit inside and outside of the tank hole, sealing against the tank with a gasket, and fasten in place with bolts.

Inside Connection Size	Inside Connection, Female	Outside Connection, Female	Temp. Range	Max. Oper. Press. (psi)	Overall Length	Required Hole Size	Max. Wall Thickness	Brand	Item No.	
316 Stainless Steel Through-Wall Fittings										
3/8 in	NPT	3/8 in NPT	-20 °F – 150 °F	150	1 3/8 in	1 in	—	Banjo	801HX5	
3/4 in	NPT	3/4 in NPT	-20 °F – 150 °F	300	1 7/8 in	1 1/8 in	—	Banjo	1MKH8	
1 in	NPT	1 in NPT	-20 °F – 150 °F	300	2 1/8 in	2 1/4 in	—	Banjo	1MKJ1	
1 1/4 in	NPT	1 1/4 in NPT	-20 °F – 150 °F	300	2 5/8 in	2 1/4 in	—	Banjo	1MKJ3	
1 1/2 in	NPT	2 in NPT	-20 °F – 150 °F	300	2 5/8 in	3 in	—	Banjo	1MKJ5	
2 in	NPT	2 in NPT	-20 °F – 150 °F	300	2 5/8 in	3 in	—	Banjo	1MKJ7	
3 in	NPT	3 in NPT	-20 °F – 150 °F	300	2 7/8 in	4 3/8 in	—	Banjo	1MKJ9	
Polypropylene Through-Wall Fittings										
1/2 in	NPT	1/2 in NPT	-20 °F – 150 °F	300	2 3/8 in	1 5/8 in	—	Banjo	1MKH6	
3/4 in	NPT	3/4 in NPT	-20 °F – 150 °F	300	2 3/8 in	1 7/8 in	—	Banjo	1MKH7	
1 in	NPT	1 in NPT	-20 °F – 150 °F	300	2 3/8 in	2 1/4 in	—	Banjo	1MKH9	
1 1/2 in	NPT	1 1/2 in NPT	-20 °F – 150 °F	300	2 11/8 in	3 in	—	Banjo	1MKJ4	
2 in	NPT	2 in NPT	-20 °F – 150 °F	300	2 11/8 in	3 in	—	Banjo	1MKJ6	
3 in	NPT	3 in NPT	-20 °F – 150 °F	150	4 11/8 in	4 1/2 in	—	Banjo	1MKJ8	
PVC Through-Wall Fittings										
1/2 in	Threaded	1/2 in Thread	40 °F – 190 °F	150 @ 70°F	3 3/4 in	1 3/8 in	2 3/4 in	Hayward	3CDN8	
3/4 in	Threaded	3/4 in Thread	40 °F – 140 °F	150 @ 70°F	2 5/8 in	1 1/8 in	1 5/8 in	Hayward	13L947	
1 in	Socket	1 in Socket	40 °F – 140 °F	150 @ 70°F	3 3/8 in	1 1/8 in	2 3/4 in	Hayward	3CED9	
	Threaded	1 in Thread	40 °F – 140 °F	150 @ 70°F	2 5/8 in	1 1/8 in	1 5/8 in	Hayward	13L949	
	Threaded	1 in Thread	40 °F – 190 °F	150 @ 70°F	3 3/8 in	1 1/8 in	2 3/4 in	Hayward	3CDP5	
	Threaded	2 in Thread	40 °F – 140 °F	75	6 in	4 1/2 in	1 1/8 in	Hayward	3CEJ3	
2 in	Threaded	2 in Socket	40 °F – 140 °F	150 @ 70°F	3 3/4 in	3 3/4 in	1 in	Hayward	13L954	
	Threaded	2 in Thread	40 °F – 140 °F	150 @ 70°F	3 3/4 in	3 3/4 in	1 in	Hayward	13L955	
	Threaded	2 in Thread	40 °F – 190 °F	150 @ 70°F	4 1/4 in	3 3/4 in	2 in	Hayward	3CDR5	
	Threaded	3 in Thread	40 °F – 140 °F	150 @ 70°F	4 11/8 in	4 1/2 in	2 1/8 in	Hayward	3CEG3	
3 in	Socket	4 in Socket	40 °F – 140 °F	150 @ 70°F	5 3/4 in	5 3/4 in	2 3/8 in	Hayward	3CEH2	
	Threaded	4 in Socket	40 °F – 140 °F	150 @ 70°F	5 3/4 in	5 3/4 in	2 3/8 in	Hayward	3CEG7	
	Threaded	4 in Thread	40 °F – 140 °F	150 @ 70°F	5 3/4 in	5 3/4 in	2 3/8 in	Hayward	3CEG9	
	Socket	6 in Socket	40 °F – 140 °F	150 @ 70°F	8 in	8 1/8 in	3 1/4 in	Hayward	3CEH8	
6 in	Threaded	6 in Thread	40 °F – 140 °F	150 @ 70°F	8 in	8 1/8 in	3 1/4 in	Hayward	3CEH6	
Inside Connection Size	Inside Connection, Female	Outside Connection, Female	Temp. Range	Max. Oper. Press. (psi)	Overall Length	Required Hole Size	No. of Bolt Holes	Max. Wall Thickness	Item No.	
Glass-Filled Polypropylene Bolt-On Fittings										
3/4 in	NPT	3/4 in NPT	-20 °F – 150 °F	150	3 1/4 in	1 1/2 in	4	—	Banjo	3DTH6
1 in	NPT	1 in NPT	-20 °F – 150 °F	150	3 1/4 in	1 1/2 in	4	—	Banjo	3DTH7
1 1/2 in	NPT	1 1/2 in NPT	-20 °F – 150 °F	150	3 13/16 in	2 1/4 in	4	—	Banjo	3DTH9
2 in	NPT	2 in NPT	-20 °F – 150 °F	150	3 13/16 in	2 1/4 in	4	—	Banjo	3DTJ1
2 in	NPT	2 in NPT	-20 °F – 150 °F	150	4 3/8 in	2 in	4	—	Banjo	3DTJ2
3 in	NPT	3 in NPT	-20 °F – 150 °F	150	5 1/2 in	3 13/32 in	6	—	Banjo	3DTJ3
3 in	NPT	3 in NPT	-20 °F – 150 °F	150	5 1/2 in	3 13/32 in	6	25/32 in	Banjo	801HW5



316 Stainless Steel Through-Wall—Provide strong corrosion resistance.

Polypropylene Through-Wall—Provide a moisture barrier and is resistant to chemicals and abrasion.

PVC Through-Wall Fittings—Constructed of PVC (polyvinyl chloride) which resists corrosion, chemicals, and rust.

Glass-Filled Polypropylene Bolt-On—Constructed of glass-filled polypropylene which provides a moisture barrier, resists chemicals, abrasion, and is stronger than regular polypropylene.

