

### Spears® PVC Regular True Union Ball Valves

- Viton®/PTFE seals for maximum chemical resistance
- Unique quarter-turn shut off

The Spears PVC Regular True Union ball valve is one of the most specified ball valves for water and wastewater treatment plants.

PIPE SIZE	LENGTH	CONNECTIONS	STOCK #	EACH
1/2"	5 3/16"	Threaded/Socket	76900	\$
3/4"	6 3/16"	Threaded/Socket	76901	
1"	6 9/16"	Threaded/Socket	76902	
1 1/4"	7 1/16"	Threaded/Socket	76903	
1 1/2"	8 1/32"	Threaded/Socket	76904	
2"	8 13/16"	Threaded/Socket	76905	
2 1/2"	11 7/16"	Threaded Ends Only	76906	
2 1/2"	11 7/8"	Socket Ends Only	76907	
3"	11 15/16"	Threaded Ends Only	76908	
3"	11 15/16"	Socket Ends Only	76909	
4"	13 3/16"	Threaded Ends Only	76890	
4"	13 3/16"	Socket Ends Only	76891	

**Valve construction:** PVC  
**Seat:** PTFE  
**Seals:** Viton  
**Max psi rating:** 1/2 to 2": 235 psi;  
 2 1/2 to 4": 150 psi  
**Applications:** on/off service  
**Connections:** NPT(F) or socket (F)  
**Temperature:** 140°F



### Spears® True Union 2000 Industrial PVC Ball Valves

- Double O-ring seals and Safe-T-Shear® stems prevent fluid from escaping
- Self-cleaning, self-adjusting floating seat maintains positive seal between ball and seat

These full-port ball valves are ideal for use in water utilities. Double O-ring seals and Safe-T-Shear® stems prevent fluid from escaping if the handle is twisted off—great for chemical handling applications. A lockout mechanism in the polypropylene handle allows the valve to be padlocked in a fully open or closed position.

Choose from Viton® or EPDM seals. Viton is best for chlorine and many other chemicals used in water treatment plants. Select EPDM for handling sodium hydroxide (caustic) and anhydrous liquid ammonia. Both materials are recommended for water service. Valves with SS-reinforced threaded ends feature external stainless steel bands over the threads to minimize the possibility of breakage due to over-tightening.

Valve accessories, including valve stem extension kits and retrofit kits, are available; contact USABlueBook for more information.

**Valve construction:** PVC  
**Seat:** PTFE  
**Seals:** EPDM or Viton  
**Max psi rating:** 1/2 to 2": 235 psi;  
 2 1/2 to 6": 150 psi  
**Applications:** on/off service  
**Connections:** NPT(F) or socket (F)  
**Temperature:** 140°F



Valve with Standard Ends

#### Valves with Standard Ends

PIPE SIZE	CONNECTION(S)	THREAD LENGTH	SOCKET LENGTH	EPDM STOCK #	EACH	VITON STOCK #	EACH
1/2"	Threaded/Socket	4 3/16"	3 3/16"	50433	\$	13531	\$
3/4"	Threaded/Socket	4 3/4"	4 1/4"	50434		13532	
1"	Threaded/Socket	5 1/8"	4 11/16"	50435		13533	
1 1/4"	Threaded/Socket	5 3/4"	5 3/16"	50436		13534	
1 1/2"	Threaded/Socket	6 1/4"	5 7/16"	50437		13535	
2"	Threaded/Socket	7 3/4"	6 3/4"	50438		13536	
2 1/2"	Socket	—	10 7/16"	50439		13537	
3"	Socket	—	10 11/16"	50440		13538	
4"	Socket	—	11 7/8"	50441		13539	
6"	Socket	—	26 1/16"	—		76919	

#### Valves with SS-Reinforced Threaded Ends

PIPE SIZE	THREAD LENGTH	EPDM STOCK #	EACH	VITON STOCK #	EACH
1/2"	4 3/16"	13549	\$	13540	\$
3/4"	4 3/4"	13550		13541	
1"	5 1/8"	13551		13542	
1 1/4"	5 3/4"	13552		13543	
1 1/2"	6 1/4"	13553		13544	
2"	7 3/4"	13554		13545	
2 1/2"	10 7/16"	13555		13546	
3"	10 11/16"	13556		13547	
4"	11 7/8"	13557		13548	
6"	26 1/16"	—		76918	



Valve with SS-Reinforced Ends

### PVC Diaphragm Valves

- Handles both fluids and slurries
- Viton® seals and diaphragm for maximum chemical resistance

This full-featured valve provides accurate throttling control and shut-off for industrial, chemical and water treatment applications, as well as handling of liquids with suspended solids, viscous fluids and slurries. Weir-type design features elastomeric diaphragms with positive stop stems and built-in position indicators. Strong buttress thread true union style connection allows ease of installation and service.

SIZE	PSI	# BOLTS	STOCK #	EACH
1/2" Soc/Thrd	235	—	76910	\$
3/4" Soc/Thrd	235	—	76911	
1" Soc/Thrd	235	—	76912	
1 1/4" Soc/Thrd	235	—	76913	
1 1/2" Soc/Thrd	235	—	76914	
2" Soc/Thrd	235	—	76915	
3" Flanged	150	4	76916	
4" Flanged	150	8	76917	

**Valve construction:** sch 80 PVC  
**Seals:** Viton  
**Applications:** throttling fluids and slurries  
**Connections:** 1/2 to 2": soc or threaded;  
 3 to 4": flanged

