

XLS Single Union Ball Valves

XLLINE™

PVC

NSF¹
Certified to
NSF/ANSI 61

SERIES: XLS
SIZES: 1/2" – 4"
ENDS: Socket or Threaded
SEALS: EPDM



XL Line™ brings quality together with value pricing. XL Line™ is backed by Chemline Plastics, Canada's leading plastic valve company.

Type XLS PVC Single Union Ball valves offer high end valve features that you are looking for.

Features

230 psi Working Pressure²

Single Union Design

- Installation and maintenance is fast and inexpensive

Fully Blocking

- Downstream union nut may be safely disassembled for piping maintenance while valve is closed off under full system pressure

PTFE Seats

- Heavy PTFE seats provide better sealing and longer life than lighter seats of other brands

Double Stem O-Rings

- Reduces the possibility of stem leakage

Full Port

- Low pressure losses

Built-in Spanner Wrench

- for removing or tightening the seat carrier

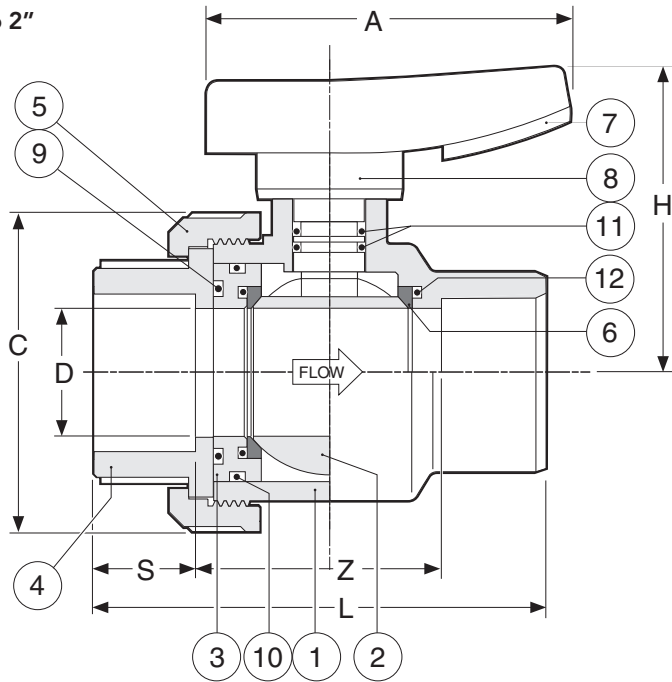
¹ PVC valves with EPDM seals are certified under NSF/ANSI Standard 61 for contact with drinking water.

² 1/2" to 2" valves, 150 psi for 2-1/2" to 4" valves.

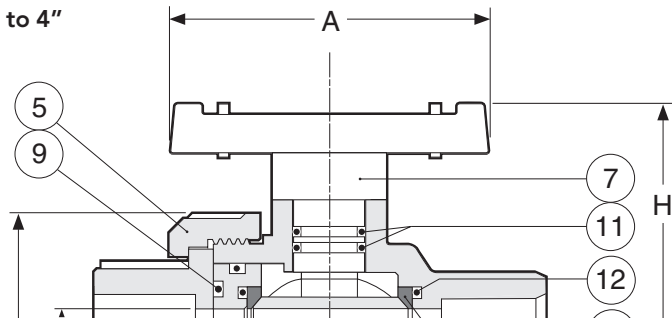
XLS Single Union Ball Valves



1/2" to 2"



2- 1/2" to 4"



PARTS

▲ Recommended Spare Parts

No.	Part	Pcs.	Materials
1	Body	1	PVC†
2	Ball	1	PVC
3	Seat Carrier	1	PVC
4	End Connector	1	PVC
5	Union Nut	1	PVC
6▲	Ball Seat	2	PTFE
7	Handle	1	PVC
8	Stem	1	PVC
9▲	Face O-Ring	1	EPDM
10▲	Carrier O-Ring	1	EPDM
11▲	Stem O-Ring	2	EPDM
12▲	Seat O-Ring	2	EPDM

† All PVC is Type I Grade 1 material as per ASTM D-1784.

NET WEIGHTS LB. Cv VALUES

Size	Socket Valves	USGPM@1 psi Pressure Drop
1/2"	0.22	15
3/4"	0.35	21
1"	0.51	55
1-1/4"	0.75	81
1-1/2"	1.16	126
2"	1.96	245
2-1/2"	3.56	364
3"	5.39	490
4"	9.02	700

DIMENSIONS INCHES

WORKING PRESSURES PSI

Size	A	C	D	H	L _S Socket	L _T Thd	S Socket	Laying Length Z	0-25°C	40°C	60°C
									32-77°F	104°F	140°F
1/2"	2.53	1.97	0.57	1.92	3.17	3.03	0.87	1.77	230	150	25
3/4"	2.88	2.32	0.78	2.21	3.68	3.46	0.99	1.97	230	150	25
1"	3.34	2.68	0.98	2.49	4.12	3.86	1.12	2.13	230	150	25
1-1/4"	3.87	3.15	1.25	2.93	4.74	4.41	1.25	2.52	230	150	25
1-1/2"	4.38	3.70	1.57	3.42	5.44	4.80	1.37	2.91	230	150	25
2"	4.92	4.53	1.97	3.80	6.42	5.71	1.50	3.50	230	150	25
2-1/2"	6.67	5.71	2.56	5.43	8.76	6.81	1.75	4.21	150	85	15
3"	6.67	5.71	2.82	5.43	8.89	7.95	1.87	5.12	150	85	15
4"	8.05	8.27	3.76	6.54	11.04	9.29	2.25	5.98	150	85	15

Maximum Temperature: 60°C (140°F).

ORDERING EXAMPLE

VACUUM RATING

• 29.9 inches mercury (Full Vacuum)

XL Line™ Type XLS PVC Single Union Ball Valve	XLS	020	E	S
Size	005 - 1/2"	007 - 3/4"	010 - 1"	012 - 1-1/4"
	015 - 1-1/2"	020 - 2"	025 - 2-1/2"	030 - 3" 040 - 4"
Seals	E - EPDM			
Ends	S - Socket T - Threaded			

Example: XL Line™ Type XLS PVC Single Union Ball Valve, 2", with EPDM O-rings, socket ends.