

SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

PVC FLANGED TRUE UNION BALL VALVE

Model S-643

Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 150⁰ PSI @ 73⁰ F

Flanges conform to ANSI class

Maximum service temperature: 140^of



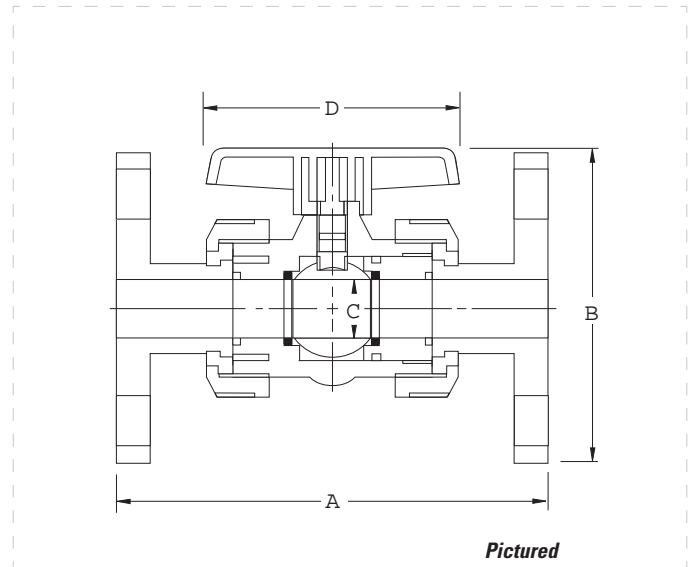
**Pictured
S-643**

MATERIAL SPECIFICATION

PART	MATERIAL
1 Handle	ABS
2 Stem o-rings (2)	EPDM
3 Stem	UPVC
4 Ball	UPVC
5 Seats	*Teflon
6 Body	UPVC
7 Union nuts	UPVC
8 Flange	UPVC
9 Union o-rings (2)	EPDM
10 Set rings (2)	UPVC

DIMENSIONS

Size	FLANGE BOLT PATTERN	A	B	C	D
1/2"	4	5.63	3.70	0.51	3.07
3/4"	4	6.78	4.18	0.71	3.62
1"	4	7.37	5.04	0.91	3.94
1-1/4"	4	7.49	5.63	1.20	4.33
1-1/2"	4	8.35	6.23	1.51	4.77
2"	4	9.22	7.29	1.89	5.79
2-1/2"	4	10.21	8.08	2.45	7.09
3"	4	11.98	8.75	2.65	9.42
4"	8	14.66	11.11	3.90	10.94



**Pictured
S-643
Cut-away**