



PVDF LINED BALL VALVE

Material Specification

SR.NO.	PART	MATERIAL	QUANTITY
1	Body	Isotactic PP with FULL BORE PVDF	1
2	Ball	Solid PVDF	1
3	Side piece / connector	PVDF Lining with PP	2
4	Stem	SS - 304	1
5	Spindle	PVDF Coated	1
6	Seat ring	PTFE	2
7	Connector seal	Viton	2
8	Stem seal ring	Viton	1
9	Stud, Nut and Washer	SS - 304	Req.
10	Nut Cap	PP	Req.
11	Handle	MS with Powder coated	1
12	Handle hex pin	MS	1



Drilling Standards

ASA #150
F- Table
Capsule Shape (Universal Drill)

Temperature Limits

PVDF-Polyvinylidene fluoride-
1100 C

Features

High temperature and chemical resistance material.
Low operating torque.
UV stabilized material to avoid cracks against sunlight.
Better resistance to solvents, chemicals and temperatures.
Suitable for bromine and 98% sulfuric acid.

Pressure Rating

BODY	25NB TO 50NB	10 KG/CM2 (140 PSI)
-----	80NB TO 100NB	8 KG/CM2 (115 PSI)
SEAT	25NB TO 100NB	10 KG/CM2 (140 PSI)

Dimensions

Size		D	DI	T	PVDF Lining thicknes s	L	L1	H	PCD					
									BS 10 table 'f'			Asa # 150		
									PCD	Dia of Hole	No.of Hole	PCD	Dia of Hole	No.of Hole
25NB	1"	115	24	17	2.5	156	145	85	87	14	4	79	14	4
40NB	1½"	142	40	19	2.5	190	170	103	105	15	4	98	15	4
50NB	2"	162	49	20	3.5	223	210	118	127	17	4	120	17	4
80NB	3"	205	74	26	4	270	255	156	165	17	8	152	17	4
100NB	4"	230	96	28	4	285	255	181	181	17	8	181	17	8