



SALVADOR INDUSTRIAL CO.,LTD
NINGBO SALVADOR PIPING SYSTEM CO.,LTD.
SWD www.swdplastic.com www.ecodexvalves.com

PVDF Pipe & Fittings & Valve





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Company Profile

SWD PLASTIC (NINGBO SALVADOR PIPING SYSTEM CO., LTD)) is a leading manufacturer and exporter of plastic pipes, valves and fittings, we are committed to provide piping system solutions to customers all over the world. Salvador Industrial stick to the principle of "Quality First, Service First, Continuous Improvement and Innovation to meet the requirements of Customers".

SWD Products are widely used in Agricultural Irrigation, Wastewater Treatment, Aquaculture, Pharmaceutical Industry, Electroplating, Papermaking Industry, Chemical Industry, Mining plant, Power Station, Drainage, and other applications involving corrosive fluid transfer. Most of our products confirm to ANSI, DIN, BS, JIS & TIS standard and have been already exported to the countries below: United States, Canada, Germany, UK, Spain, Austria, Mexico, Argentina, Chile, Colombia, Peru, Russia, Saudi Arabia, UAE, Iran, Iraq, Syria, Yemen, Vietnam, Thailand, Philippines, Indonesia, Malaysia, Sri Lanka, Zambia, Morocco, Algeria etc. with very good reputation.

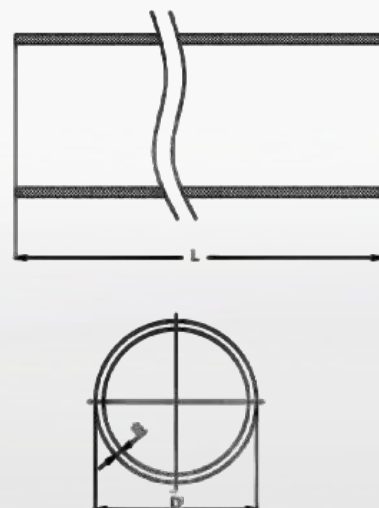
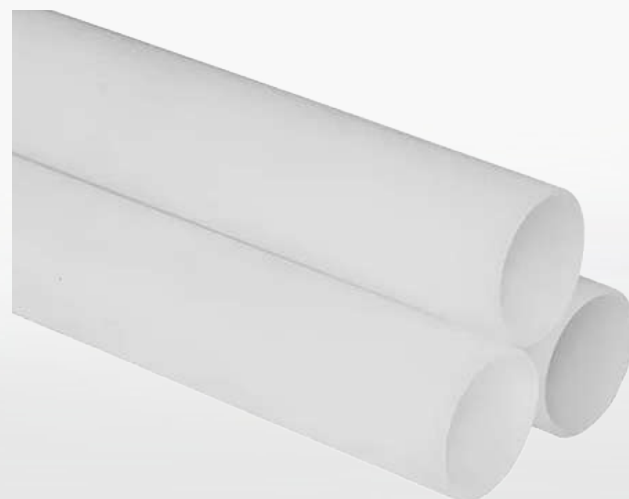
With rich experience in piping & duct systems, we will provide best solutions and services to you. Welcome to our company visit and discuss business, sincerely hope our professional technology and individual service can win your trust and favor, looking forward to cooperate with friends all over the world, let's do win-win business together!

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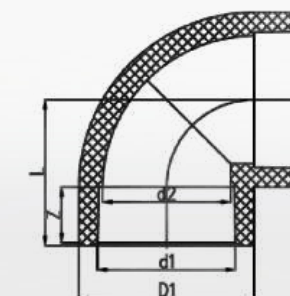


PVDF Pipe (DIN PN16)



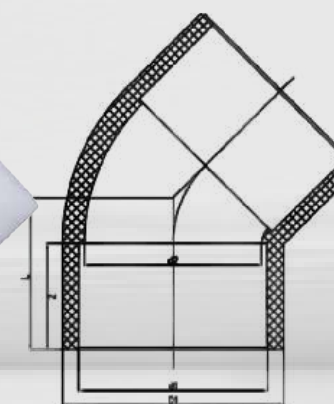
Nominal Diameter	Outer diameter		PN2.5	PN3.2	PN4	PN6	PN1.0	PN16
			ISO S ² -20	ISO S ² -16	ISO S ² -12.5	ISO S ² -8.3	ISO S ² -5	ISO S ² -3.125
	S ³	S ³	SDR ⁿ 41	SDR ⁿ 33	SDR ⁿ 26	SDR ⁿ 17.6	SDR ⁿ 11	SDR ⁿ 7.25
	mm	mm	mm	mm	mm	mm	mm	mm
10	-	-	-	-	-	-	-	2
12	-	-	-	-	-	-	-	2
16	-	-	-	-	-	-	2	2.3
20	-	-	-	-	-	1.8	2.5	2.8
25	-	-	-	-	-	1.8	2.7	3.5
32	-	-	-	-	-	1.9	3	4.5
40	-	-	-	-	1.8	2.3	3.7	5.6
50	-	-	-	1.8	2	2.9	4.6	6.9
63	-	-	1.8	2	2.5	3.6	5.8	8.7
75	-	-	1.9	2.4	2.9	4.3	6.9	10.4
90	-	-	2.2	2.8	3.5	5.1	8.2	12.5
110	-	-	2.7	3.5	4.3	6.3	10	15.2
125	-	-	3.1	3.9	4.9	7.1	11.4	-
140	-	-	3.5	4.4	5.4	8	12.8	-
160	-	-	3.9	5	6.2	9.1	14.6	-
180	-	-	4.4	5.6	7	10.2	16.4	-
200	-	-	4.9	6.2	7	11.4	18.2	-
225	-	-	5.5	7	8.7	12.8	20.5	-
250	-	-	6.1	7.8	9.7	14.2	22.8	-
280	-	-	6.9	8.7	10.8	15.9	25.5	-
315	-	-	7.7	9.8	12.2	17.9	29.7	-
355	-	-	8.7	11	13.7	20.1	32.3	-
400	6	8	9.8	12.2	15.4	22.7	36.4	-
450	6	8	11	13.7	17.4	25.5	41	-
500	8	10	12.2	15.4	19.3	28.3	45.5	-
560	10	-	13.7	17.4	21.6	31.7	-	-
640	10	-	15.4	19.6	24.3	35.7	-	-
710	12	-	17.4	22.1	27.4	40.2	-	-
800	12	-	19.6	24.9	30.8	-	-	-
900	15	-	22	28	34.7	-	-	-
1000	15	-	24.4	31.1	38.5	-	-	-
1200	18	-	29.3	37.3	-	-	-	-
1400	20	-	34.2	43.5	-	-	-	-

PVDF 90° Elbow (DIN PN16)



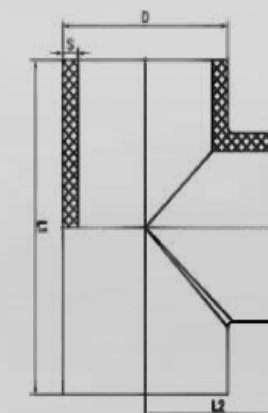
Nominal SIZE	Socket Type			Structural Diameter		
	d1	d2	l	D	d	H
20	19.3	19	16.2	28	13	27.2
25	24.1	23.8	18.2	33.6	18	32.4
32	31	30.7	20.2	42.4	25	37.4
40	39	38.6	22.2	52.6	31	42.6
50	49	48.6	25.2	66	39	50.1
63	61.9	61.4	28.6	84.4	49	61.2
75	73.6	72.3	31.5	95.8	58.2	69.8
90	88.3	86.9	36.2	113.7	69.8	81.4
110	108	106.4	42	138.4	85.4	97.2

PVDF 45° Elbow (DIN PN16)



Nominal SIZE	Socket Type			Structural Diameter		
	d1	d2	l	D	d	H
20	19.3	19	16.2	28	13	27.2
25	24.1	23.8	18.2	33.6	18	32.4
32	31	30.7	20.2	42.4	25	37.4
40	39	38.6	22.2	52.6	31	42.6
50	49	48.6	25.2	66	39	50.1
63	61.9	61.4	28.6	84.4	49	61.2
75	73.6	72.3	31.5	95.8	58.2	69.8
90	88.3	86.9	36.2	113.7	69.8	81.4
110	108	106.4	42	138.4	85.4	97.2

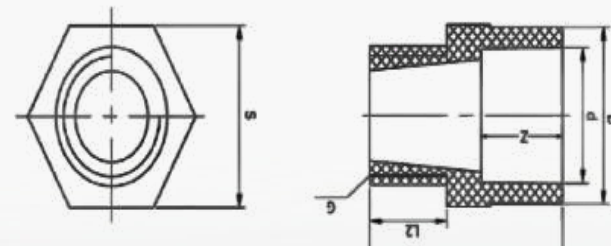
PVDF Tee (DIN PN16)



Nominal SIZE	Socket Type			Structural Diameter		
	d1	d2	l	D	d	H
20	19.3	19	16.2	28	13	27.2
25	24.1	23.8	18.2	33.6	18	32.4
32	31	30.7	20.2	42.4	25	37.4
40	39	38.6	22.2	52.6	31	42.6
50	49	48.6	25.2	66	39	50.1
63	61.9	61.4	28.6	84.4	49	61.2
75	73.6	72.3	31.5	95.8	58.2	69.8
90	88.3	86.9	36.2	113.7	69.8	81.4
110	108	106.4	42	138.4	85.4	97.2

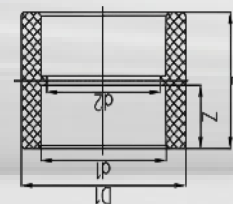


PVDF Female Adaptor



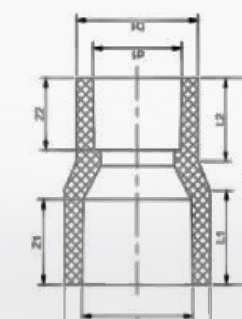
Nominal	Socket Type			Structural Diameter				
SIZE	d1	d2	l	D	d	L	W	PT
20X1/2"	22.4	21.25	30	29	13	53.5	29	14
25X3/4"	26.45	25.42	35	34	17	61.5	34	14
32X1"	32.55	31.37	40	41	22.5	69.5	41	11
40X1-1/4"	38.6	37.31	44	47	31	73	47	11
50X1-1/2"	48.7	47.21	55	58	36	86	58	11
63X2"	60.8	59.1	63	72	47	100	72	11

PVDF Coupling



Nominal	Socket Type			Structural Diameter		
SIZE	d1	d2	l	D	d	H
20	19.3	19	16.2	28	13	27.2
25	24.1	23.8	18.2	33.6	18	32.4
32	31	30.7	20.2	42.4	25	37.4
40	39	38.6	22.2	52.6	31	42.6
50	49	48.6	25.2	66	39	50.1
63	61.9	61.4	28.6	84.4	49	61.2
75	73.6	72.3	31.5	95.8	58.2	69.8
90	88.3	86.9	36.2	113.7	69.8	81.4
110	108	106.4	42	138.4	85.4	97.2

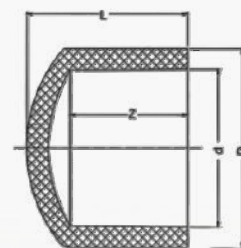
PVDF Reducing Coupling Tee



Nominal	Socket Type						Structural Diameter		
SIZE	d1	d2	l1	d3	d4	l2	D1	D2	L
25*20	24.1	23.8	18.2	19.3	19	16.2	33.6	28	34.9
32*20	31	30.7	20.2	19.3	19	16.2	42.4	28	37.5
32*25	31	30.7	20.2	24.1	23.8	18.2	42.4	33.6	42.4
40*20	39	38.6	22.2	19.3	19	16.2	52.6	28	40.5
40*25	39	38.6	22.2	24.1	23.8	18.2	52.6	33.6	42
40*32	39	38.6	22.2	31	30.7	20.2	52.6	42.4	51.4
50*20	49	48.6	25.2	19.3	19	16.2	66	28	43
50*25	49	48.6	25.2	24.1	23.8	18.2	66	33.6	48
50*32	49	48.6	25.2	31	30.7	20.2	66	42.4	51
50*40	49	48.6	25.2	39	38.6	22.2	66	52.6	59.2
63*20	61.9	61.4	28.6	19.3	19	16.2	84.4	28	48.3
63*25	61.9	61.4	28.6	24.1	23.8	18.2	84.4	33.6	51
63*32	61.9	61.4	28.6	31	30.7	20.2	84.4	42.4	53.2
63*40	61.9	61.4	28.6	39	38.6	22.2	84.4	52.6	56
63*50	61.9	61.4	28.6	49	48.6	25.2	84.4	66	69.7
75*32	73.6	72.3	31.5	31	30.7	20.2	95.8	42.4	65.8
75*40	73.6	72.3	31.5	39	38.6	22.2	95.8	52.6	68.5
75*50	73.6	72.3	31.5	49	48.6	25.2	95.8	66	72
75*63	73.6	72.3	31.5	61.9	61.4	28.6	95.8	84.4	78.4
90*40	88.3	86.9	36.2	39	38.6	22.2	113.7	56	78
90*50	88.3	86.9	36.2	49	48.6	25.2	113.7	66	81.5
90*63	88.3	86.9	36.2	61.9	61.4	28.6	113.7	84.4	86.4
90*75	88.3	86.9	36.2	73.6	72.3	31.5	113.7	95.8	89.9
110*50	107.9	106.4	42	49	48.6	25.2	138.4	66	90
110*63	107.9	106.4	42	61.9	61.4	28.6	138.4	84.4	95.6
110*75	107.9	106.4	42	73.6	72.3	31.5	138.4	138.4	100.1
110*90	107.9	106.4	42	88.3	86.9	36.2	138.4	138.4	104.1

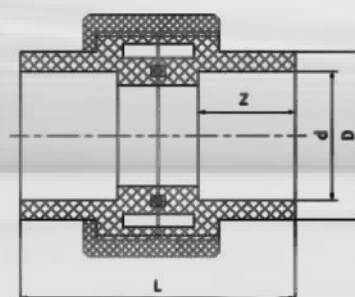


PVDF Cap



Nominal	Socket Type			Structural Diameter	
SIZE	d1	d2	L	D	L
20	19.3	19	16.2	28	27.2
25	24.1	23.8	18.2	33.6	32.4
32	31	30.7	20.2	42.4	37.4
40	39	38.6	22.2	52.6	42.6
50	49	48.6	25.2	66	50.1
63	61.9	61.4	28.6	84.4	61.2
75	73.6	72.3	31.5	95.8	69.8
90	88.3	86.9	36.2	113.7	81.4
110	108	106.4	42	138.4	97.2

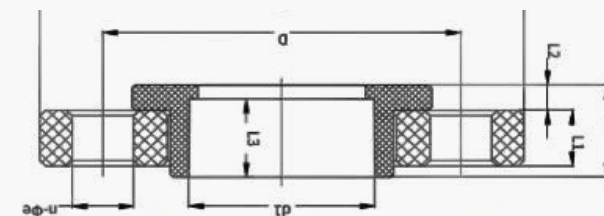
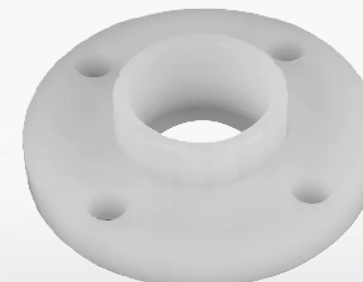
CPVC Union



DN	mm			
	D	d	L	Z
15	49	20	48	16
20	55	25	52	20
25	68	32	60	22
32	78	40	71	27
40	93	50	80	31
50	103	63	100	38
65	118	75	111	44
80	154	90	135	51
100	188	110	157	61

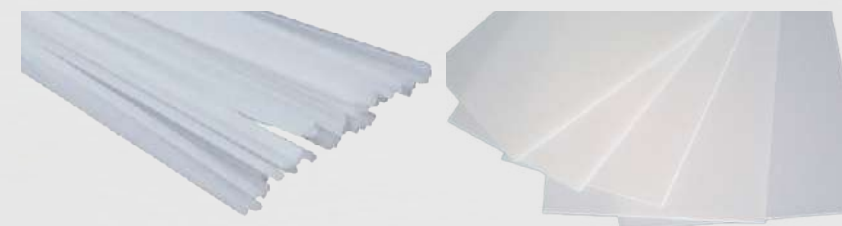


PVDF VAN STONE FLANGE



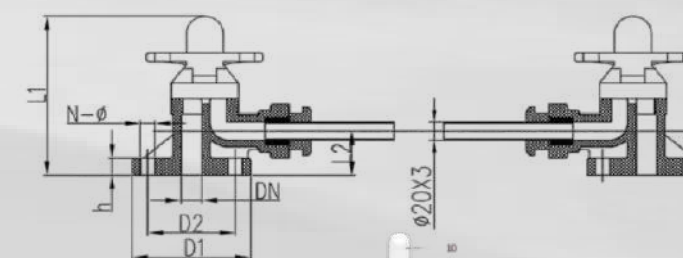
SIZE	D	C	d	D1	d1	d2	l	H	T	n- ϕ	e
20	95	65	15	29	19.3	19	2.3	28	16	4-14	
25	105	75	20	34	24.1	23.8	2.8	30	17	4-14	
32	115	85	25	42	31	30.7	3	34	18	4-18	
40	140	100	32	52	39	38.6	3.7	37	20	4-18	
50	150	110	40	61	49	48.6	4.6	40	22	4-18	
63	165	125	50	75	61.9	61.4	5.8	45	24	4-18	

PVDF Rods & PPH Plates

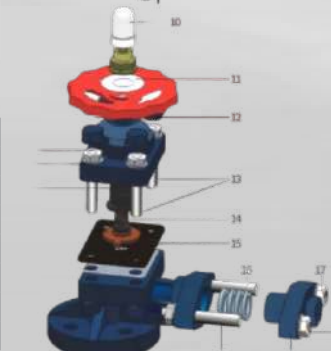


DN	mm			mm
	d	L	H	
1.5	1.5	1	1.2	1000
2	2	1.5	1.7	1000
2.5	2.5	2.5	2.2	1000

PVDF Liquid Level Gauge G41F-10F



DN(mm)	D1	D2			L1	L2	h	N-φ		
		GB	JIS	ANSI				JIS	DIN	ANSI
15(1/2")	95	65	70	2.38	180	50	20	4	4	4
20(3/4")	105	75	75	2.76	180	50	18	4	4	4
25(1")	115	85	90	3.13	180	50	19	4	4	4
32(1 1/4")	135	100	100	3.45	180	50	19	4	4	4
40(1 1/2")	145	110	105	3.88	180	50	20	4	4	4
50(2")	160	125	120	4.47	180	50	20	4	4	4



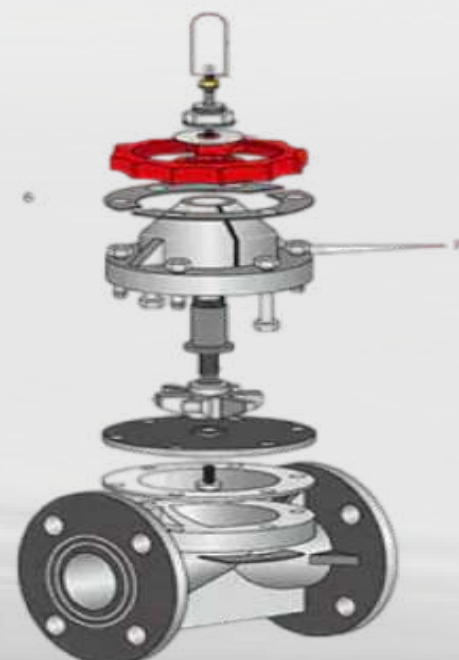


PVDF DIAPHRAGM VALVE



Size: 1/2"-4"
Joint End: Socket(ANSI/DIN/JIS/CNS)
Thread(PT/NPT/BSPF)
Working Pressure: 150PSI

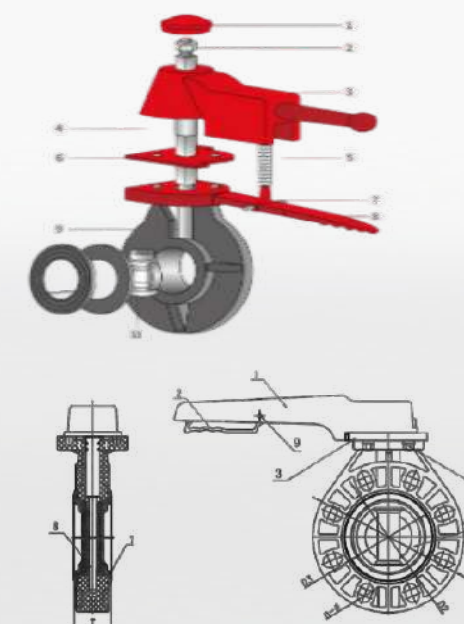
No.	Name	Material
1	Cover limit	AS
2	Stud	Steel, StainlessSteel.
3	Retaining Nut	FRPP
4	Washer	FRPP
5	Wheel	Alloy material
6	Platen	Steel, StainlessSteel
7	Double headed stud and Nut	Steel, StainlessSteel
8	Bonnet	FRPP, PVDF, UPVC, CPVC, PPH
9	Yoke Nut	Ht300 Steel
10	Stem	Steel, StainlessSteel
11	Disc	FRPP, PVDF, UPVC, CPVC, PPH, Steel, StainlessSteel, C.I.FRP
12	Flim	EPDM, FPM
13	Diaphragm	F46.PFA
14	Body	FRPP, PVDF, UPVC, CPVC, PPH
15	Platen	Steel, StainlessSteel



UNIT:MM

DN(mm)	D1	D				L				h	n					Φ		
		D	JIS	DIN	ANSI	L	JIS	DIN	ANSI		n	JIS	DIN	ANSI	Φ	JIS	DIN	ANSI
15(1/2")	95	65	70	65	2.38	125	110	130	4.33	14	4	4	4	4	14	15	14	0.63
20(3/4")	105	75	75	75	2.76	135	120	150	4.72	16	4	4	4	4	14	15	14	0.63
25(1")	115	85	90	85	3.13	145	130	160	5.12	16	4	4	4	4	14	19	14	0.63
32(1 1/4")	135	100	100	100	3.45	160				18	4	4	4	4	14	19	18	0.63
40(1 1/2")	145	110	105	110	3.88	180	180	200	7.09	18	4	4	4	4	18	19	18	0.63
50(2")	160	125	120	125	4.74	210	210	230	8.27	21	4	4	4	4	18	19	18	0.75
65(2 1/2")	180	145	140	145	5.49	250	250	290	9.84	22	4	4	4	4	18	19	18	0.75
80(3")	195	160	150	160	6	300	280	310	11.02	25	8	8	8	8	18	19	18	0.75
100(4")	215	180	175	180	7.5	350	340	350	13.39	25	8	8	8	8	18	19	18	0.75
125(5")	245	210	210	210	8.5	400	410	400	16.14	30	8	8	8	8	18	23	18	0.87
150(6")	280	240	240	240	9.51	455	480	480	18.9	30	8	8	8	8	23	23	23	0.87
200(8")	335	295	290	295	11.75	570	570	600	22.44	35	8	12	8	8	23	23	23	0.87
250(10")	390	350	355	350	14.03	680	680		26.77	38	12	12	12	12	23	25	23	0.97
300(12")	445	500	500	400	16.7	680				38	12	16	12	12	23	25	23	0.97

PVDF Butterfly Valve (Lever Handle)



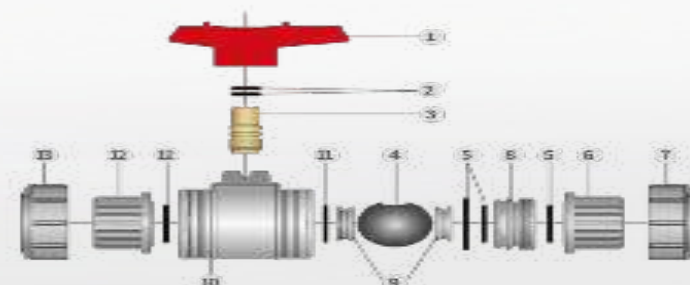
◆Size:2"-8"
◆Joint End:Requires Flanges for Install
◆Working Pressure:2"-6":PN10/150PSI
8":PN6/90PSI
◆Standard:DIN/ANSI/BS/JIS/CNS

Specification of Material							
NO.	PART	MATERIAL	QTY	NO.	PART	MATERIAL	QTY
1	Body	PVC/C-PVC/PPH	1	9	Cap	ABS	2
2	Seat Seal	EPDM/FPM	1	10	Handle	ABS	1
3	Disc	PVC/CPVC/PPH	1	11	Spring	304	1
4	O-Ring	EPDM/FPM	2	12	Lever	ABS	1
5	Stem	Steel/SS420/SS304/SS316	1	13	Set-Pin	STEEL	1
6	Baffle	ABS	1	14	Bolt	STEEL	1
7	Plate	ABS	1	15	Mark Cap	ABS	1
8	Screw	Steel	2	16	Logo Plate	ABS	1

Dimensions Unit:mm								
Size	Inch	2"	2 1/2"	3"	4"	5"	6"	8"
	DN	50	65	80	100	125	150	200
P.C.D. ØD1	ØD	160	180	196	228	258	287	344
	DIN	125	145	160	180	210	240	295
	ANSI	121	140	152	191	216	241	298
	JIS	120	140	150	175	210	240	290
	Ød	48	63	78	98	122	146	199
	L	43	46	49	54	64	70	88
	Ø1	124	124	124	124	170	170	170
	L1	190	190	240	240	310	310	310
	W	55	55	55	55	72	72	72
	H1	100	112	120	140	168	181	215
	H2	143	155	172	194	223	239	280
	H	223	245	270	308	352	382	452
n-Øe	DIN	4-19	4-19	8-19	8-19	8-19	8-23	8-23
	ANSI	4-19	4-19	4-19	8-19	8-19	8-23	8-23
	JIS	4-19	4-19	8-19	8-19	8-19	8-23	12-23
PN	PSI	150	150	150	150	150	150	100
	MPa	1	1	1	1	1	1	0.6



PVDF True Union Ball Valve



No.	Item	Material	Qty	Unit
3/4/8/9	O-ring	EPDM/VITON	7	pcs
1	End Connector	UPVC/CPVC/PPH/PVDF	2	pcs
2	Union Nut	UPVC/CPVC/PPH/PVDF	2	pcs
5	Handle Cap	ABS	1	pcs
6	Stem	UPVC/CPVC/PPH/PVDF	1	pcs
7	Handle	ABS	1	pcs
10	Seal Carrier	UPVC/CPVC/PPH/PVDF	1	pcs
11	Seat	PTFE	2	pcs
12	Ball	UPVC/CPVC/PPH/PVDF	1	pcs
13	Body	UPVC/CPVC/PPH/PVDF	1	pcs

Size:1/2"-4"
Joint End:Socket(ANSI/DIN/JIS/CNS)
Threaded(NPT/BSPT)
Working Pressure:150 PSI

SIZE	d	d1				d2			
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS
1/2"(15)	15	21.4	20.25	22.3	22.4	21.25	20.05	21.85	21.9
3/4"(20)	20	26.75	25.25	26.3	26.4	26.58	25.05	25.85	25.9
1"(25)	25	33.52	32.25	32.33	34.5	33.28	32.05	31.85	33.9
1-1/4"(32)	32	42.28	40.25	38.43	42.5	42.05	40.05	37.85	41.9
1-1/2"(40)	40	48.4	50.25	48.46	48.6	48.12	50.05	47.75	47.9
2"(50)	50	60.45	63.25	60.56	60.6	60.18	63.05	59.75	59.9
2-1/2"(65)	63	73.3	75.25	76.6	76.7	72.85	75.05	75.87	75.9
3"(80)	75	89.25	90.35	89.6	89.7	88.7	90.05	88.83	88.9
4"(100)	90	114.6	110.35	114.7	115	114.1	110.05	113.98	113.8

SIZE	D	L	L1	L2	L3	W	H1	H2	F	M	I	Operating torque (N.M)
1/2"(15)	54	106	23	60	52	84	52.5	27.5	31	-	M6	2
3/4"(20)	63	114	26	62	54	90	59	32	33	-	M6	2.5
1"(25)	73.5	128	29	70	62	106	67.5	37.25	40	-	M6	4
1-1/4"(32)	84.5	144	33	78	70	116	77.5	42.75	52	-	M8	5
1-1/2"(40)	98	158.5	35.5	87.5	79.5	128	90	50	52	-	M8	7.5
2"(50)	118	172	38.5	95	85	140	106	60	70	-	M8	8.5
2-1/2"(65)	150	278	64.5	144.5	132.5	198	136.5	76.5	84	45	M10	13
3"(80)	169	310	70	166	150	218	149.5	86	84	45	M10	16
4"(100)	190	352	84	181	157	235	166	98	121	49	M12	25

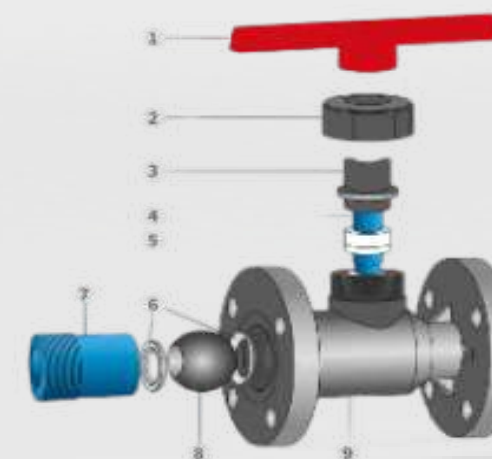


PVDF Flanged Type Ball Valve



Size:1/2"-4"
Flange:ANSI/DIN/JIS
Working Pressure:150 PSI

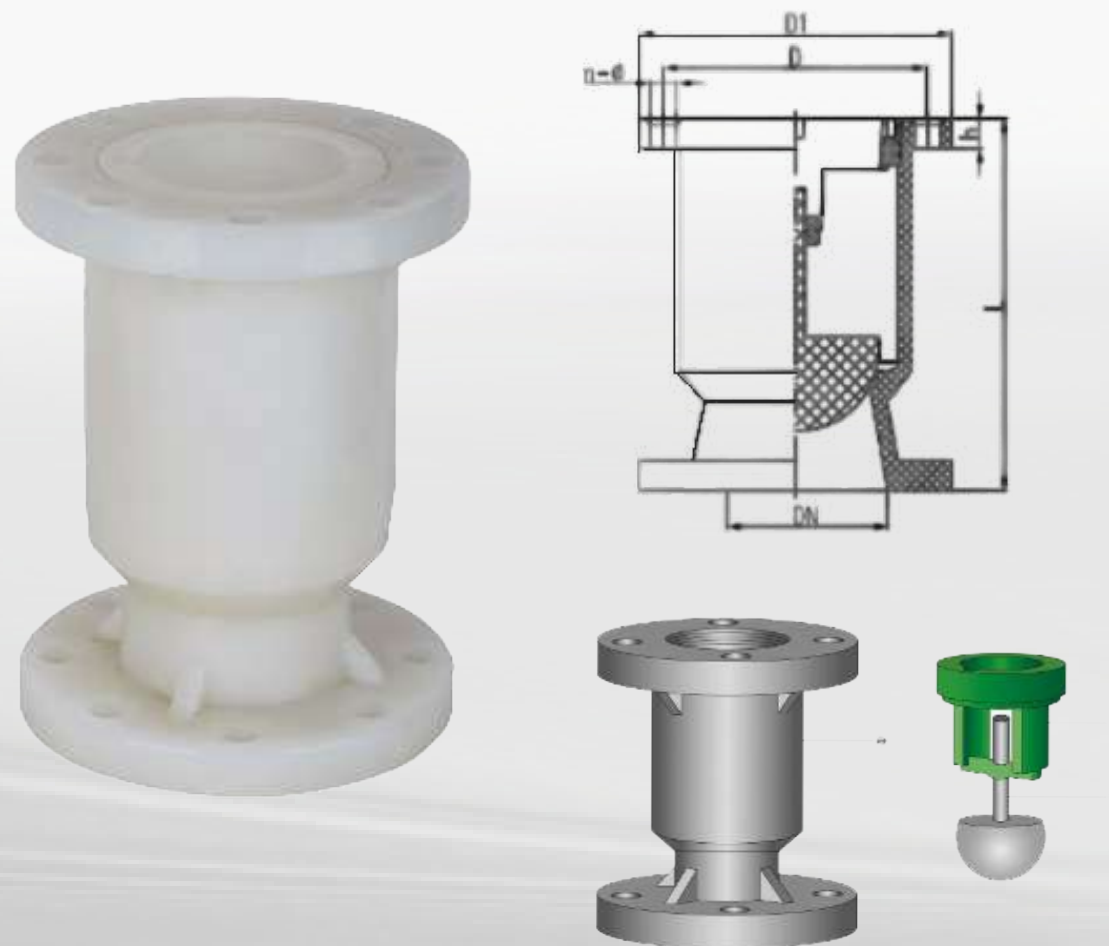
No.	Item	Material	Qty	Unit
3/4/8/9	O-ring	EPDM/VITON	7	pcs
1	End Connector	UPVC/CPVC/PPH	2	pcs
2	Union Nut	UPVC/CPVC/PPH	2	pcs
5	Handle Cap	ABS	1	pcs
6	Stem	UPVC/CPVC/PPH	1	pcs
7	Handle	ABS	1	pcs
10	Seal Carrier	UPVC/CPVC/PPH	1	pcs
11	Seat	PTFE	2	pcs
12	Ball	UPVC/CPVC/PPH	1	pcs
13	Body	UPVC/CPVC/PPH	1	pcs
14	Flange buckle	UPVC/CPVC/PPH	2	pcs



SIZE	d	C			D	L	L1	W	H1	H2	F	M	I	n-φ e
		ANSI	JIS	DIN										
1/2"(15)	15	60.5	70	65	95	144	52	84	52.5	27.5	31	-	M6	4-15
3/4"(20)	20	70	75	75	105	142	54	90	59	32	33	-	M6	4-15
1"(25)	25	79.2	90	85	125	162	62	106	67.5	37.25	40	-	M6	4-19
1-1/4"(32)	32	89	100	100	140	184	70	116	77.5	42.75	52	-	M8	4-19
1-1/2"(40)	40	98	105	110	150	192.5	79.5	128	90	50	52	-	M8	4-19
2"(50)	50	121	120	125	165	217	85	140	106	60	70	-	M8	4-19
2-1/2"(65)	63	140	140	145	182	304.5	132.5	210	136.5	76.5	84	45	M10	4-19
3"(80)	75	150	152	160	200	330	150	235	149.5	86	84	45	M10	8-19
4"(100)	90	175	191	180	228	378	172	260	175	107	121	49	M12	8-19



PVDF Vertical Check Valve H41F-10S



DN(mm)	D1	D			L	h	n			Φ		
		GB	JIS	ANSI			GB	JIS	ANSI	JIS	DIN	ANSI
15(1/2")	95	65	70	2.38	120	15	4	4	4	14	15	16
20(3/4")	105	75	75	2.76	120	16	4	4	4	14	15	16
25(1")	115	85	90	3.13	130	16	4	4	4	14	19	16
32(1 1/4")	135	100	100	3.45	145	18	4	4	4	18	19	16
40(1 1/2")	145	110	105	3.88	168	20	4	4	4	18	19	16
50(2")	160	125	120	4.74	180	20	4	4	4	18	19	19
65(2 1/2")	180	145	140	5.49	225	22	4	4	4	19	19	19
80(3")	195	160	150	6	260	25	8	8	4	19	19	19
100(4")	215	180	175	7.5	280	25	8	8	8	19	19	19
125(5")	245	210	210	8.5	350	30	8	8	8	23	23	22
150(6")	280	240	240	9.51	400	30	8	8	8	23	23	22
200(8")	335	295	290	11.75	400	35	8	12	8	23	23	22
250(10")	390	350	355	14.03	450	38	12	12	12	25	25	25
300(12")	445	400	400	17	450	38	12	16	12	25	25	25

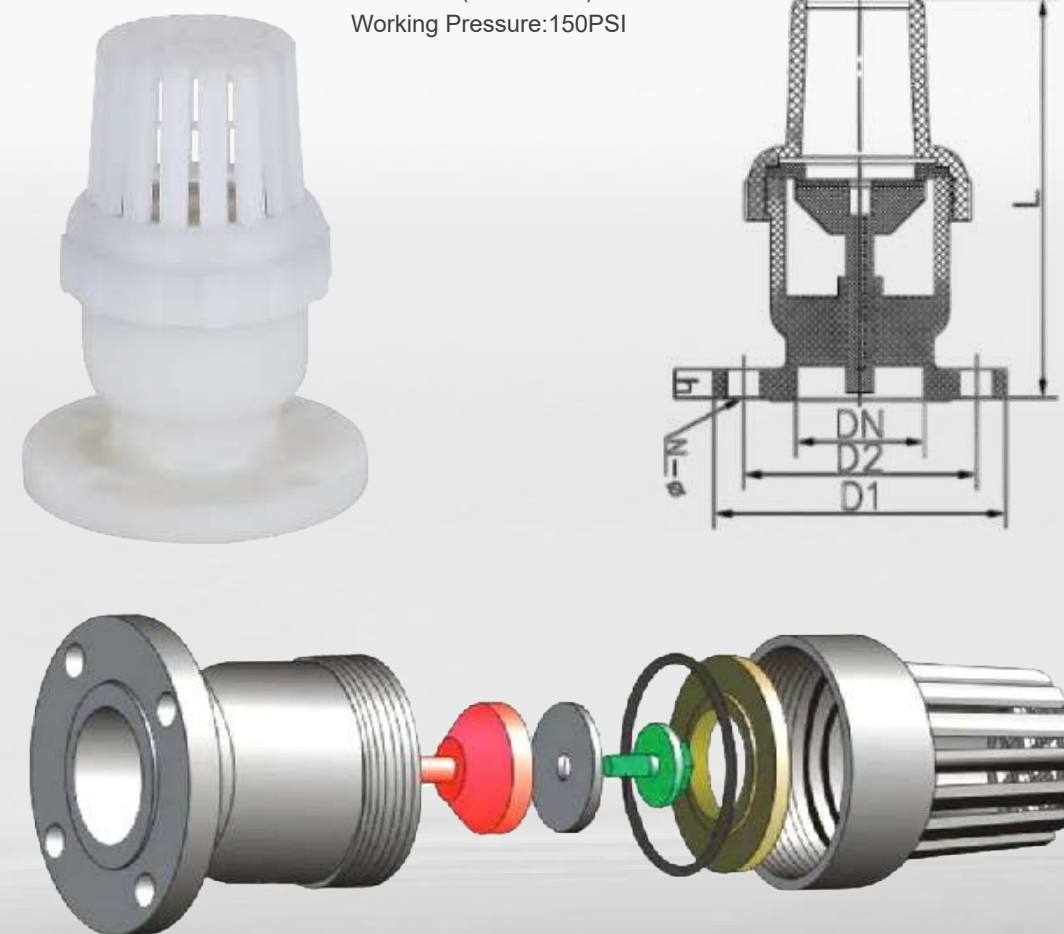
PVDF Flanged Type Foot Valve

Size:4"-6"

Joint End:Socket(ANSI/DIN/JIS/CNS)

Threaded:(NPT/BSPT)

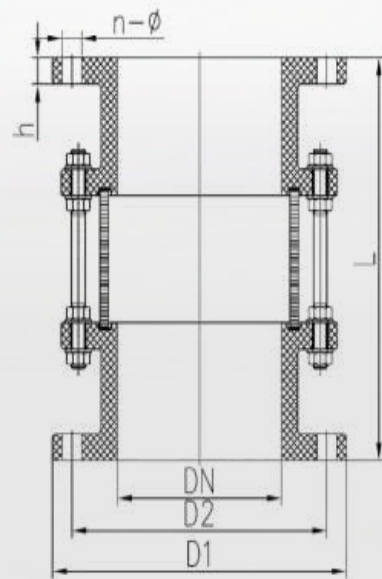
Working Pressure:150PSI



DN(mm)	D1	D2			L	h	n-Φ		
		GB	JIS	ANSI			GB	JIS	ANSI
15(1/2")	105	65	70	2.38	140	15	4-Φ17X20	4-Φ19	4-Φ16
20(3/4")	105	75	75	2.76	168	16	4-Φ17X20	4-Φ19	4-Φ16
25(1")	115	85	90	3.13	189	16	4-Φ17X20	4-Φ19	4-Φ16
35(1 1/2")	135	100	100	3.45	210	18	4-Φ17X20	4-Φ19	4-Φ19
40(13/4")	145	110	105	3.77	238	18	4-Φ17X20	4-Φ19	4-Φ19
50(2")	160	125	120	4.74	215	17	4-Φ17X20	4-Φ19	4-Φ19
65(2 1/2")	170	145	140	5.49	235	14	4-Φ17X20	4-Φ19	4-Φ19
80(3")	192	160	150	6	265	21	8-Φ18X20	8-Φ19	4-Φ19
100(4")	220	180	175	7.5	315	23	8-Φ18X20	8-Φ19	8-Φ19
125(5")	250	210	210	8.5	335	31	8-Φ19	8-Φ23	8-Φ22
150(6")	282	240	240	9.51	335	31	8-Φ21	8-Φ23	8-Φ22
200(8")	335	295	290	11.75	380	32	8-Φ23	12-Φ23	8-Φ22
250(10")	395	350	355	14.25	550	37	12-Φ25	12-Φ25	12-Φ25
300(12")	445	400	400	17	550	40	12-Φ25	16-Φ25	12-Φ25

No.	Item	Material	Qty	Unit
1	Bottom Body	PVC	1	pcs
2	Upper Body	PVC	1	pcs
3	Valve Disc	PVC	1	pcs
4	Seat Seal	EPDM	1	pcs
5	O-Ring	EPDM	1	pcs
6	Bolt	SUS304	8-12	pcs
7	Bolt gasket	SUS304	8-12	pcs
8	Nut	SUS304	8-12	pcs
9	Net Cover	PVC	1	pcs
10	Buckle	PVC	2	pcs

PVDF Sight Glass DN15-150



DN(mm)	D1	D2			L	h	N-Φ		
		GB	JIS	ANSI			JIS	DIN	ANSI
25(1/2")	115	85	100	3.13	238	15	4-Φ14	4-Φ19	4-Φ16
32(1 1/4")	150	100	100	3.45	230	16	4-Φ18	4-Φ19	4-Φ16
40(1 1/2")	150	110	105	3.88	230	16	4-Φ18	4-Φ19	4-Φ16
50(2")	165	125	120	4.74	233	17	4-Φ18	4-Φ19	4-Φ19
65(2 1/2")	195	145	140	5.49	277	20	4-Φ18	4-Φ19	4-Φ19
80(3")	195	160	150	6	277	20	8-Φ18	4-Φ19	4-Φ19
100(4")	215	180	175	7.5	310	21	8-Φ18	8-Φ19	8-Φ19
125(5")	250	210	210	8.5	350	26	8-Φ18	8-Φ23	8-Φ22
150(6")	285	240	240	9.51	385	27	8-Φ23	8-Φ23	8-Φ22
200(8")	340	295	290	11.75	400	25	8-Φ23	12-Φ23	8-Φ22

Chemical Properties

◎ Excellent ○ Good △ Available × Corrosion Not Recommended

Chemicals	Chemicals Formula	Concentration	Temp °C	U-PVC	C-PVC	PP	PVDF	PTFE	VITON	EPDM	NBR	CR	IIR	CSM
Acetaldehyde	CH ₃ CHO	Pure	20	×	×	◎	×	◎	△	◎	×	△	◎	×
			40			◎		◎	△	◎		×	◎	
			60			○		◎	×	○			◎	
			80					◎						
			100					◎						
			120					◎						
		40	20	○	○	◎	×	◎	○	◎	×	△	◎	×
			40	△	△	◎		◎	○	◎		×	◎	
			60	×		◎		◎	△	◎			◎	
			80			○		◎	△	○				
			100					◎						
			120					◎						
Acetic Acid	CH ₃ COOH	10	20	◎	◎	◎	◎	◎	○	◎	○	○	◎	○
			40	◎	◎	◎	◎	◎	○	◎		○	○	△
			60	◎	◎	◎	◎	◎	△	○		△	○	×
			80		◎	◎	◎	◎	×			×		
			100				◎	◎						
			120				○	◎						
		20	20	◎	◎	◎	◎	◎	○	◎	×	×	×	×
			40	◎	◎	◎	◎	◎	△	◎				
			60	◎	○	◎	◎	◎	△					
			80		△	○	○	◎	×					
			100				○	◎						
			120				○	◎						
		50	20	◎	◎	◎	◎	◎	△	○	×	×	×	×
			40	◎	○	◎	◎	◎	×					
			60	○	△	◎	◎	◎						
			80		×		○	◎						
			100				○	◎						
			120					◎						
		80	20	◎	○	◎	◎	◎	×	△	×	×	×	×
			40	◎	△	◎	◎	◎						
			60	△	×	△	○	◎						
			80				△	◎						
			100					◎						
			120					◎						
Acetone	CH ₃ COCH ₃	Pure	20	×	×	◎	×	◎	×	◎	×	○	○	△
			40			◎		◎				○	○	×
			60			△		◎						
			80					◎						
			100					◎						
			120					◎						



⊙ Excellent ○ Good △ Available × Corrosion Not Recommended

Chemicals	Chemicals Formula	Concentration	Temp °C	U-PVC	C-PVC	PP	PVDF	PTFE	VITON	EPDM	NBR	CR	IIR	CSM
Acetylene	C ₂ H ₂		20	⊙	×	⊙	⊙	⊙	⊙	△	⊙		△	
			40	⊙		⊙	⊙	⊙	⊙	△	⊙		×	
			60	○		⊙	⊙	⊙	⊙	×	○			
			80			○	⊙	⊙	⊙					
			100					⊙	○					
			120					○						
			80				×	⊙						
			100					⊙						
			120					⊙						
Aluminum Nitrate	Al(NO ₃) ₃	Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙	⊙	○			⊙
			100				⊙	⊙	⊙					
			120				⊙	⊙						
Aluminum Sulfate	Al ₂ (SO ₄) ₃	Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	○	
			80		⊙	⊙	⊙	⊙	⊙					
			100				⊙	⊙						
			120				⊙	⊙						
Ammonium Nitrate	NH ₄ NO ₃		20	⊙	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	○	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
			80			⊙	⊙	⊙	⊙	⊙	○			
			100				⊙	⊙						
			120				⊙	⊙						
Arsenic Acid	H ₃ ASO ₄	Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	○	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	△	○	○	⊙	⊙	⊙	○	○	⊙	⊙	⊙
			80		△	△	⊙	⊙	○	○	○			
			100				⊙	⊙	○					
			120				⊙	⊙						
Beer			20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙	⊙	○		⊙	⊙
			100				⊙	⊙						
			120				⊙	⊙						
Benzene	C ₆ H ₆	Pure	20	△	△	○	⊙	⊙	⊙	×	×	×	×	×
			40	×	×	△	○	⊙	○					
			60				○	⊙	○					
			80				△	⊙	○					
			100				×	⊙						
			120					⊙						



⊙ Excellent ○ Good △ Available × Corrosion Not Recommended

Chemicals	Chemicals Formula	Concentration	Temp °C	U-PVC	C-PVC	PP	PVDF	PTFE	VITON	EPDM	NBR	CR	IIR	CSM
Black Liquor		Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			80		○	○	⊙	⊙	⊙	⊙	○	○	⊙	○
			100					⊙	⊙	⊙				
			120					○						
Bleaching Agent	Ca(ClO) ₂ CaCl ₂ -2H ₂ O		20	⊙	⊙		⊙	⊙	⊙	⊙	△			
			40	⊙	⊙		⊙	⊙	⊙	⊙				
			60	⊙	⊙		⊙	⊙						
			80				⊙	⊙						
			100				⊙	⊙						
			120				⊙	⊙						
			20	⊙	⊙		⊙	⊙	⊙	○	△			
			40	⊙	⊙		⊙	⊙						
			60	⊙	⊙		⊙	⊙						
			80				⊙	⊙						
			100				⊙	⊙						
			120				⊙	⊙						
			20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	⊙	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙		×			
			100				⊙	⊙						
			120				⊙	⊙						
Borax	Na ₂ B ₄ O ₇ 10H ₂ O		20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	⊙	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙		×			
			100				⊙	⊙						
			120				⊙	⊙						
Boric Acid	H ₃ BO ₃	Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			80		○	⊙	⊙	⊙	⊙	○	○	△	○	○
			100				⊙	⊙	○					
			120				⊙	⊙						
Bormic Acid	HBrO ₃	Pure	20	⊙	⊙	×	⊙	⊙						
			40	⊙	⊙		⊙	⊙						
			60		⊙		⊙	⊙						
			80		⊙		⊙	⊙						
			100				⊙	⊙						
			120				⊙	⊙						
Butadiene	CH ₂ =CHCH=CH ₂	Gas	20	⊙	⊙		⊙	⊙	⊙	×	○	○	×	○
			40	⊙	⊙		⊙	⊙	⊙		△	○		○
			60	⊙			⊙	⊙	⊙			△		△
			80				⊙	⊙						
			100				⊙	⊙						
			120				⊙	⊙						

⊙ Excellent ○ Good △ Available × Corrosion Not Recommended

Chemicals	Chemicals Formula	Concentration	Temp °C	U-PVC	C-PVC	PP	PVDF	PTFE	VITON	EPDM	NBR	CR	IIR	CSM
Butane	CH ₃ (CH ₂) ₂ CH ₃	Gas	20	⊙	⊙	⊙	⊙	⊙	⊙	×	⊙	⊙	×	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙		○	△		
			60	⊙	⊙	⊙	⊙	⊙	⊙					
			80		⊙	⊙	⊙	⊙	⊙					
			100					⊙						
			120					⊙						
Butyl Alcohol	C ₄ H ₉ OH	Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	○	⊙	○	⊙	⊙	⊙
			60	○	⊙	⊙	⊙	⊙	△	⊙	○	⊙	⊙	⊙
			80		○	⊙	⊙	⊙		⊙		○	⊙	⊙
			100				⊙	⊙						
Butyl Bromide	C ₄ H ₉ Br	Pure	20				⊙	⊙						
			40				⊙	⊙						
			60				⊙	⊙						
			80				⊙	⊙						
			100				⊙	⊙						
Butylene	CH ₃ CH ₂ CH=CH ₂		20				⊙	⊙	⊙					
			40				⊙	⊙	⊙					
			60				⊙	⊙	⊙					
			80				⊙	⊙	○					
			100				⊙	⊙						
Carboic Acid	H ₂ CO ₃	Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			80		○	○	⊙	⊙	⊙	⊙	○	○	⊙	⊙
			100				⊙	⊙	○					
Dextrose	C ₆ H ₁₂ O ₆		20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙	⊙				
			100				⊙	⊙	⊙					
			120				⊙	⊙						

⊙ Excellent ○ Good △ Available × Corrosion Not Recommended

Chemicals	Chemicals Formula	Concentration	Temp °C	U-PVC	C-PVC	PP	PVDF	PTFE	VITON	EPDM	NBR	CR	IIR	CSM
Plating Solutions			20	⊙	⊙	△	⊙	⊙	○	⊙	○	○	×	△
			40	⊙	⊙	×	⊙	⊙	○	○	○	○		×
			60	⊙	⊙		⊙	⊙	○	○	○	×		
			80		⊙		⊙	⊙						
			100					⊙						
			120					⊙						
Glycerol (Glycerine)	C ₃ H ₅ (OH) ₃	Pure	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙		⊙	⊙	⊙
			80			⊙	⊙	⊙	⊙	⊙				
			100				⊙	⊙						
			120				⊙	⊙						
Hydronomic Acid	HBr	20	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	⊙	⊙	⊙
			60	○	○	⊙	⊙	⊙	⊙	⊙	×			
			80		○	⊙	⊙	⊙	○	○				
			100				⊙	⊙						
			120				○	⊙						
		47	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	×	⊙	⊙	⊙
			60	○	○	⊙	⊙	⊙	○	⊙		⊙	⊙	⊙
			80		○	⊙	⊙	⊙	△			×	×	×
			100				⊙	⊙						
			120				○	⊙						
Hydrochloric Acid	HCl	25	20	⊙	⊙	⊙	⊙	⊙	⊙					
			40	⊙	⊙	⊙	⊙	⊙	⊙					
			60	⊙	⊙	⊙	⊙	⊙	⊙					
			80		⊙	⊙	⊙	⊙	○					
			100				⊙	⊙	△					
			120				○	⊙						
		35	20	⊙	⊙	⊙	⊙	⊙	⊙	○	△	×	○	○
			40	⊙	⊙	⊙	⊙	⊙	○	○	×		○	△
			60	⊙	⊙	⊙	⊙	⊙	×	×			×	×
			80		○	○	⊙	⊙						
			100				⊙	⊙						
			120				△	⊙						
Iodine	I ₂		20	△		⊙	⊙	⊙	○	×		×		
			40	×			⊙	⊙						
			60				⊙	⊙						
			80				⊙	⊙						
			100					⊙						
			120					⊙						

⊙ Excellent ○ Good △ Available × Corrosion Not Recommended

Chemicals	Chemicals Formula	Concentration	Temp °C	U-PVC	C-PVC	PP	PVDF	PTFE	VITON	EPDM	NBR	CR	IIR	CSM
Nitroselrouse lacguer			20	×		⊙	⊙	⊙	△	×	×	×	×	×
			40					⊙						
			60					⊙						
			80					⊙						
			100					⊙						
			120											
Mercury	Hg		20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			100				⊙	⊙						
			120				⊙	⊙						
Metthane	CH ₄		20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙			
			60	○	○	○	⊙	⊙	⊙	⊙				
			80				⊙	⊙	⊙	○				
			100				⊙	⊙	○					
			120				⊙	⊙						
Methyl Formate	HCOOCH ₃		20				⊙	⊙	×	○	×			
			40				○	⊙						
			60				△	⊙						
			80				△	⊙						
			100											
			120											
Natural Gas			20	⊙			⊙	⊙	⊙	⊙	⊙	⊙		⊙
			40	⊙			⊙	⊙						
			60	○			⊙	⊙						
			80				⊙	⊙						
			100					⊙						
			120					⊙						
Nitric	HNO ₃	10		⊙	⊙	⊙	⊙	⊙	⊙	⊙	×	○	⊙	
				⊙	⊙	⊙	⊙	⊙	⊙	○		×	△	△
					○	○	⊙	⊙	⊙	×				
							⊙	⊙	⊙					
							⊙	⊙						
		30	20	⊙	⊙	⊙	⊙	⊙	⊙	○	×	×	⊙	⊙
			40	⊙	○	⊙	⊙	⊙	⊙	○			○	○
			60	○	△	⊙	⊙	⊙	○	×			○	×
			80		△	○	⊙	⊙	△					
			100				⊙	⊙	△					
			120				○	⊙						
		50	20	⊙	⊙	⊙	⊙	⊙	⊙	×	×	×	×	△
			40	○	○	○	⊙	⊙	○					
			60	○	△	△	⊙	⊙	△					
			80		△	△	⊙	⊙	△					
			100				△	⊙						
			120					⊙						

⊙ Excellent ○ Good △ Available × Corrosion Not Recommended

Chemicals	Chemicals Formula	Concentration	Temp °C	U-PVC	C-PVC	PP	PVDF	PTFE	VITON	EPDM	NBR	CR	IIR	CSM
Nitric Acid	HNO ₃	70	20	⊙	○	△	⊙	⊙	△	×	×	×	×	×
			40	○	△	×	⊙	⊙	×					
			60	×	×		○	⊙						
			80				△	⊙						
			100				×	⊙						
			120											
		80	20	×	×	×	⊙	⊙	△	×	×	×	×	×
			40				○	○						
			60				×	○						
			80					△						
			100					△						
			120											
Nitrous Acid	HNO ₂	10	20			△	⊙	⊙	⊙	○	×			
			40			×	⊙	⊙						
			60				⊙	⊙						
			80				⊙	⊙						
			100											
			120											
		10	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙	⊙	○	○	○	○
			100				⊙	⊙	⊙					
			120				⊙	⊙	⊙					
		30	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	○
			80		⊙	⊙	⊙	⊙	⊙	○	○		○	○
			100				⊙	⊙	⊙					
			120				⊙	⊙	⊙					
		50	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙	○	△		○	○
			100				⊙	⊙	⊙					
			120				○	⊙	⊙					
		60	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	⊙	⊙
			80		○	⊙	⊙	⊙	⊙	△	○		△	△
			100				⊙	⊙	○					
			120				△	⊙	△					
		70	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	○	○
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	○	○
			80		○	○	⊙	⊙	⊙	×	×		×	×
			100				⊙	⊙	○					
			120				△	○	△					



⊙ Excellent ○ Good △ Available × Corrosion Not Recommended

Chemicals	Chemicals Formula	Concentration	Temp °C	U-PVC	C-PVC	PP	PVDF	PTFE	VITON	EPDM	NBR	CR	IIR	CSM
Sulfuric Acid	H ₂ SO ₄	80	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	×	○	○
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○		○	○
			60	○	○	○	⊙	⊙	⊙	○	△		○	△
			80		△	○	⊙	⊙	○	×	×		×	×
			100				○	⊙	△					
			120				×	○						
		90	20	⊙	⊙	⊙	⊙	⊙	⊙	○	△	×	○	○
			40	○	⊙	⊙	⊙	⊙	⊙	○	△		○	○
			60	○	○	○	⊙	⊙	⊙	△	△		○	△
			80		△	○	⊙	⊙	○	×	×		×	×
			100				○	⊙	△					
			120				×	○	×					
		93	20	⊙	⊙	⊙	⊙	⊙	⊙	○	△	×	×	×
			40	○	○	⊙	⊙	⊙	⊙	○	×			
			60	○	○	○	⊙	⊙	⊙	△				
			80		△	○	⊙	⊙	○	×				
			100			△	○	⊙	×					
			120				×	○						
		94	20	⊙	⊙	○	⊙	⊙	⊙	△	×	×	×	×
			40	○	○	○	⊙	⊙	○	×				
			60	○	△	○	⊙	⊙	△					
			80			△	○	⊙	△					
			100				△	⊙						
			120				×	○						
		95	20	⊙	⊙	△	⊙	⊙	⊙	×	×	×	×	×
			40	○	○		⊙	⊙	△					
			60	△	△		⊙	⊙	△					
			80				○	⊙						
			100				△	⊙						
			120				×	○						
		96	20	⊙	○	×	⊙	⊙	○	×	×	×	×	×
			40	△	△		⊙	⊙	△					
			60	×	×		⊙	⊙	×					
			80				⊙	⊙						
			100				△	⊙						
			120				×	○						
		98	20	○	○	×	⊙	⊙	×	×	×	×	×	×
			40	△	△		⊙	⊙						
			60	×	×		○	⊙						
			80				△	⊙						
			100				×	○						
			120					○						
		100	20	×	×	×	×	⊙	×	×	×	×	×	×
			40					⊙						
			60											
			80											
			100											
			120											

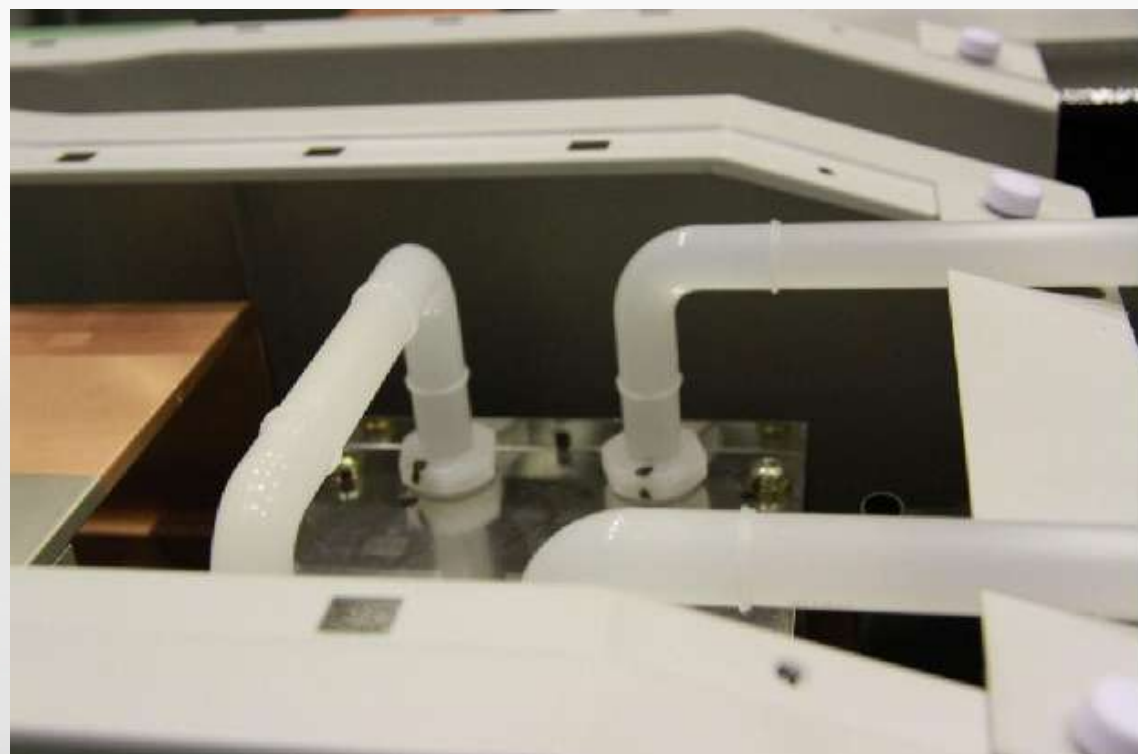


⊙ Excellent ○ Good △ Available × Corrosion Not Recommended

Chemicals	Chemicals Formula	Concentration	Temp °C	U-PVC	C-PVC	PP	PVDF	PTFE	VITON	EPDM	NBR	CR	IIR
Sulfurous Acid	H ₂ SO ₃		20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	○	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙		△	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	○			○
			80		○	⊙	⊙	⊙	○	△			△
			100				⊙	⊙	△				
			120					⊙					
Toluene	C ₆ H ₅ CH ₃		20	×	×	⊙	⊙	⊙	⊙	×	×	×	×
			40			△	⊙	⊙					
			60			×	○	⊙					
			80				○	⊙					
			100				△	○					
			120					△					
Vinegar			20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙		⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙		⊙	⊙
			80		○	⊙	⊙	⊙					
			100				○	⊙					
			120				○	⊙					
Potable Water			20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			100				⊙	⊙					
			120				⊙	⊙					
Xylene	C ₆ H ₄ (CH ₃) ₂		20	×	×	×	⊙	⊙	○	×	△	×	×
			40				⊙	⊙					
			60				⊙	⊙					
			80				⊙	⊙					
			100				⊙	⊙					
			120					⊙					



Application>>





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