



SALVADOR INDUSTRIAL CO., LIMITED
NINGBO SALVADOR PIPING SYSTEM CO.,LTD

UPVC Pipes & Fittings & Valves



Company Profile

SWD PLASTIC (Salvador Industrial 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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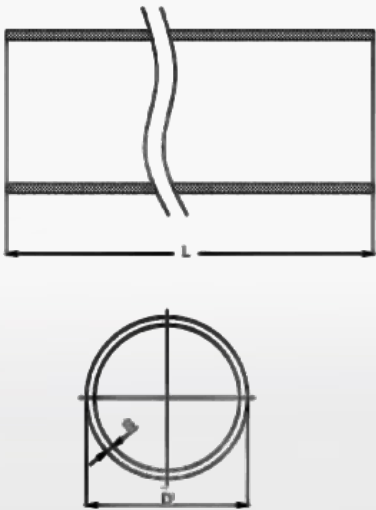
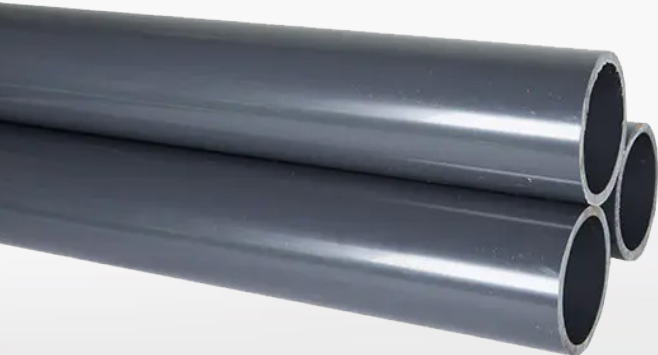
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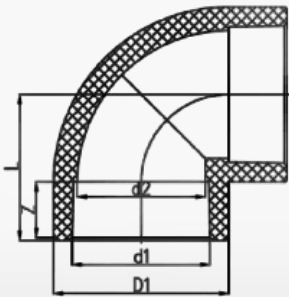


UPVC Pipe (DIN PN16)



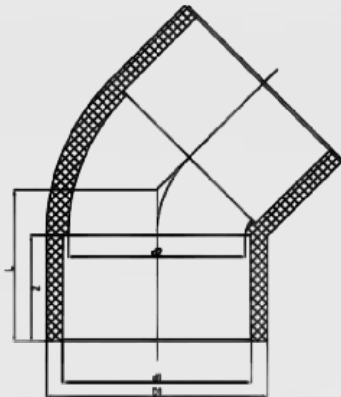
Nominal Diameter	Outer diameter		PN2.5	PN3.2	PN4	PN6	PN1.0	PN16
			ISO S ² -20	ISO S ² -16	ISO S ² -12.5	ISO S ² -8.3	ISO S ² -5	ISO S ² -3.125
	S ³	S ³	SDR ⁿ 41	SDR ⁿ 33	SDR ⁿ 26	SDR ⁿ 17.6	SDR ⁿ 11	SDR ⁿ 7.25
	mm	mm	mm	mm	mm	mm	mm	mm
10	-	-	-	-	-	-	-	2
12	-	-	-	-	-	-	-	2
16	-	-	-	-	-	-	2	2.3
20	-	-	-	-	-	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	-	-	-	-

UPVC 90° Elbow (DIN PN16)



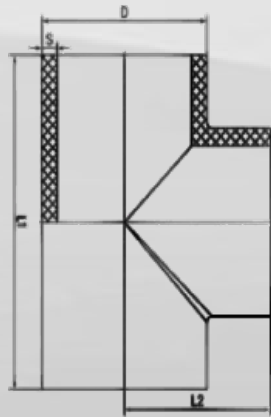
Nominal	Socket Type			Structural Diameter		
SIZE	d1	d2	l	D	d	H
20	19.3	19	16.2	28	13	27.2
25	24.1	23.8	18.2	33.6	18	32.4
32	31	30.7	20.2	42.4	25	37.4
40	39	38.6	22.2	52.6	31	42.6
50	49	48.6	25.2	66	39	50.1
63	61.9	61.4	28.6	84.4	49	61.2
75	73.6	72.3	31.5	95.8	58.2	69.8
90	88.3	86.9	36.2	113.7	69.8	81.4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

UPVC 45° Elbow (DIN PN16)



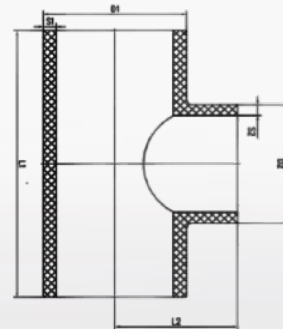
Nominal	Socket Type			Structural Diameter		
SIZE	d1	d2	l	D	d	H
20	19.3	19	16.2	28	13	27.2
25	24.1	23.8	18.2	33.6	18	32.4
32	31	30.7	20.2	42.4	25	37.4
40	39	38.6	22.2	52.6	31	42.6
50	49	48.6	25.2	66	39	50.1
63	61.9	61.4	28.6	84.4	49	61.2
75	73.6	72.3	31.5	95.8	58.2	69.8
90	88.3	86.9	36.2	113.7	69.8	81.4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

UPVC Tee (DIN PN16)



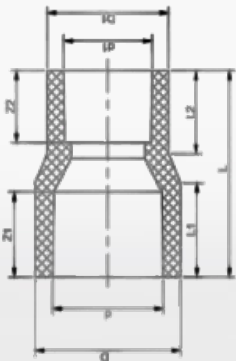
Nominal	Socket Type			Structural Diameter		
SIZE	d1	d2	l	D	d	H
20	19.3	19	16.2	28	13	27.2
25	24.1	23.8	18.2	33.6	18	32.4
32	31	30.7	20.2	42.4	25	37.4
40	39	38.6	22.2	52.6	31	42.6
50	49	48.6	25.2	66	39	50.1
63	61.9	61.4	28.6	84.4	49	61.2
75	73.6	72.3	31.5	95.8	58.2	69.8
90	88.3	86.9	36.2	113.7	69.8	81.4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

UPVC Reducing Tee (DIN PN16)



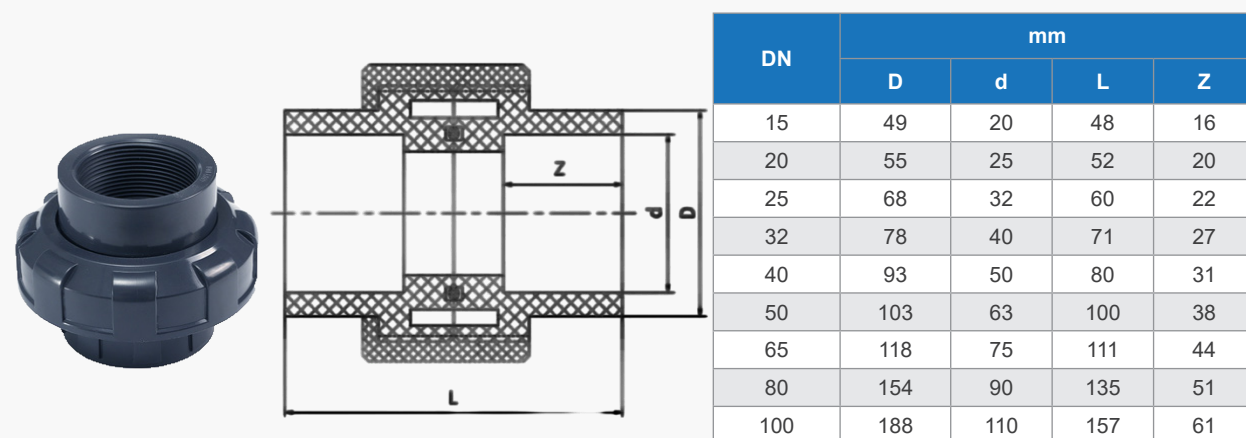
Nominal	Socket Type						Structural Diameter		
SIZE	d1	d2	I1	d3	d4	I2	D1	D2	L
25*20	24.1	23.8	18.2	19.3	19	16.2	33.6	28	63.1
32*20	31	30.7	20.2	19.3	19	16.2	42.4	28	74
32*25	31	30.7	20.2	19.3	23.8	18.2	42.4	33.6	74
40*20	39	38.6	22.2	19.3	19	16.2	52.6	28	75.4
40*25	39	38.6	22.2	24.1	23.8	18.2	52.6	33.6	75.4
40*32	39	38.6	22.2	31	30.7	20.2	52.6	42.4	84.1
50*20	49	48.6	25.2	19.3	19	16.2	66	28	80.5
50*25	49	48.6	25.2	24.1	23.8	18.2	66	33.6	85.5
50*32	49	48.6	25.2	31	30.7	20.2	66	42.4	90.5
50*40	49	48.6	25.2	39	38.6	22.2	66	52.6	101.5
63*20	61.9	61.4	28.6	19.3	19	16.2	84.4	28	90
63*25	61.9	61.4	28.6	24.1	23.8	18.2	84.4	33.6	95
63*32	61.9	61.4	28.6	31	30.7	20.2	84.4	42.4	102
63*40	61.9	61.4	28.6	39	38.6	22.2	84.4	52.6	115
63*50	61.9	61.4	28.6	49	48.6	25.2	84.4	66	122.4
75*32	73.6	72.3	31.5	31	30.7	20.2	95.8	42.4	108
75*40	73.6	72.3	31.5	39	38.6	22.2	95.8	52.6	115
75*50	73.6	72.3	31.5	49	48.6	25.2	95.8	66	122
75*63	73.6	72.3	31.5	61.9	61.4	28.6	95.8	84.4	138.2
90*40	88.3	86.9	36.2	39	38.6	22.2	113.7	52.6	126.5
90*50	88.3	86.9	36.2	49	48.6	25.2	113.7	66	130.5
90*63	88.3	86.9	36.2	61.9	61.4	28.6	113.7	84.4	150.2
90*75	88.3	86.9	36.2	73.6	72.3	31.5	113.7	95.8	164.1
110*50	107.9	106.4	42	49	48.6	25.2	138.4	66	165
110*63	107.9	106.4	42	61.9	61.4	28.6	138.4	84.4	185
110*75	107.9	106.4	42	73.6	72.3	31.5	138.4	95.8	193.8
110*90	107.9	106.4	42	88.3	86.9	36.2	138.4	113.7	193.8

UPVC Reducing Coupling Tee (DIN PN16)

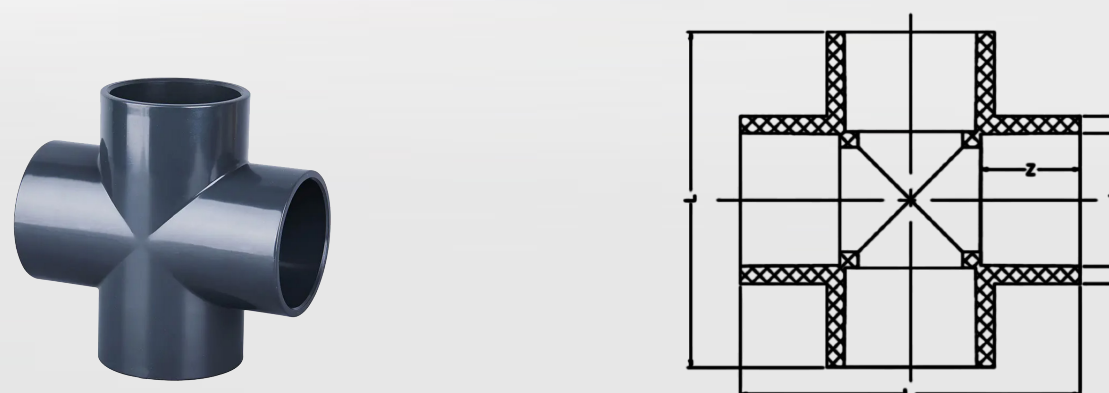


Nominal	Socket Type						Structural Diameter		
SIZE	d1	d2	I1	d3	d4	I2	D1	D2	L
25*20	24.1	23.8	18.2	19.3	19	16.2	33.6	28	34.9
32*20	31	30.7	20.2	19.3	19	16.2	42.4	28	37.5
32*25	31	30.7	20.2	24.1	23.8	18.2	42.4	33.6	42.4
40*20	39	38.6	22.2	19.3	19	16.2	52.6	28	40.5
40*25	39	38.6	22.2	24.1	23.8	18.2	52.6	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

UPVC Union (DIN PN16)

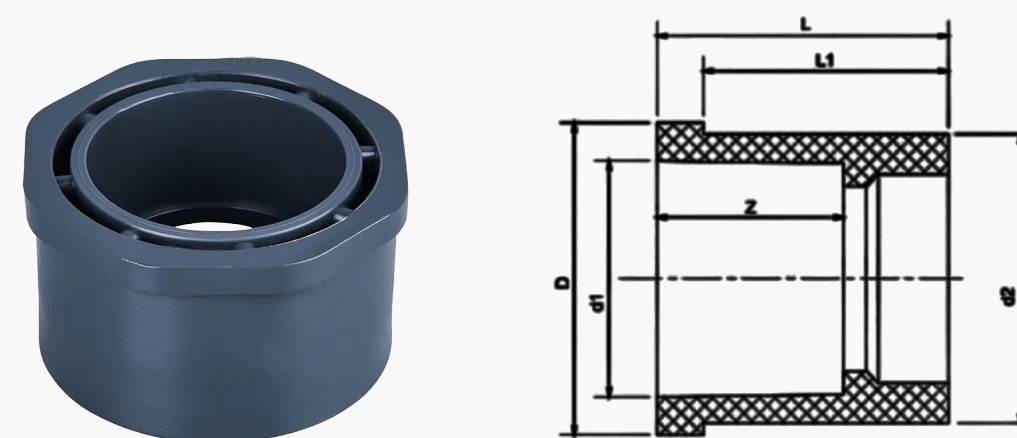


UPVC CROSS (DIN PN16)



DN (mm)	dn(mm)	mm			
		D	d	L	Z
15	49	26	20	56	16
20	55	32	25	66	20
25	68	40	32	80	22
32	78	50	40	98	27
40	93	61	50	120	31
50	103	75	63	148	38
65	118	88	75	169	44
80	154	104	90	200	51
100	188	127	110	240	61
125	140	161	140	300	76
150	160	184	160	338	86
200	225	247	225	484	119

UPVC Male Adapter (DIN PN16)



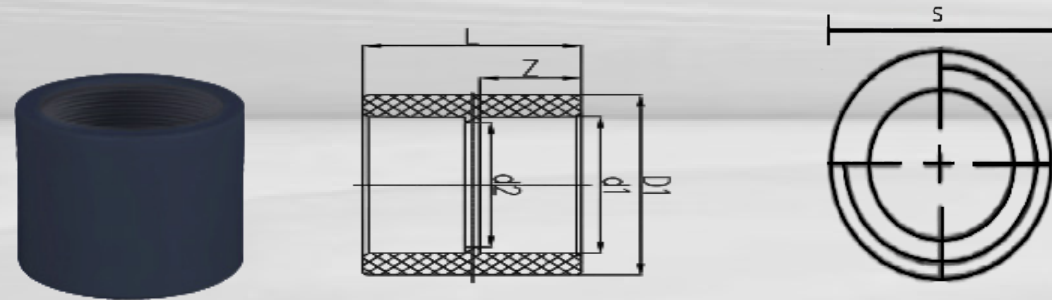
DN	dn	L1	D	d1	d2	Z
20*15	25	21	27	20	25	16
25*15	27	22	35	20	32	16
25*20	27	22	35	25	32	16
32*15	32	26	43	20	40	19
32*20	32	26	43	25	40	19
32*25	32	26	43	32	40	19
40*15	39	31	58	20	50	16
40*20	39	31	58	25	50	19
40*25	39	31	58	32	50	19
40*32	39	31	58	40	50	19
50*20	47	38	67	25	63	19
50*25	47	38	67	32	63	19
50*32	47	38	67	40	63	26
50*40	47	38	67	50	63	31
65*25	53	44	79	32	75	22
65*32	53	44	79	40	75	26
65*40	53	44	79	50	75	31
65*50	53	44	79	63	75	38
80*40	61	51	94	50	90	31
80*50	61	51	94	63	90	38
80*65	61	51	94	75	90	41
100*65	72	60	114	75	110	44
100*80	72	60	114	90	110	51
125*100	88	76	144	110	140	61
150*100	100	86	160	110	160	61
150*125	100	86	160	140	160	61
200*150	135	119	225	160	225	86
250*200	147	130	305	225	280	118
300*250	180	160	340	280	315	130
350*300	200	184	380	315	355	165
400*350	250	230	420	355	400	184
450*400	250	231	470	400	450	230
500*450	280	256	530	450	500	231
600*500	350	321	660	500	600	256

UPVC Male Adapter (DIN PN16)



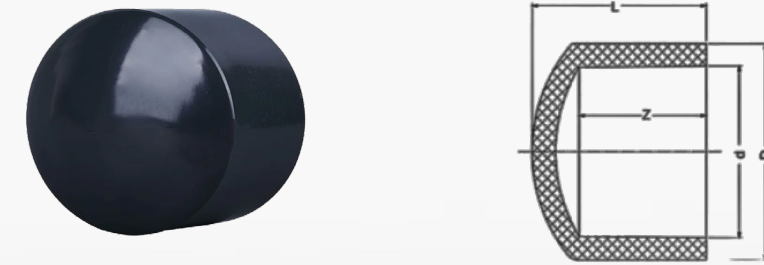
Nominal	Socket Type			Structural Diameter				
SIZE	d1	d2	l	D	d	L	W	PT
20X1/2"	22.4	21.25	30	29	13	53.5	29	14
25X3/4"	26.45	25.42	35	34	17	61.5	34	14
32X1"	32.55	31.37	40	41	22.5	69.5	41	11
40X1-1/4"	38.6	37.31	44	47	31	73	47	11
50X1-1/2"	48.7	47.21	55	58	36	86	58	11
63X2"	60.8	59.1	63	72	47	100	72	11

UPVC Female Adapter (DIN PN16)



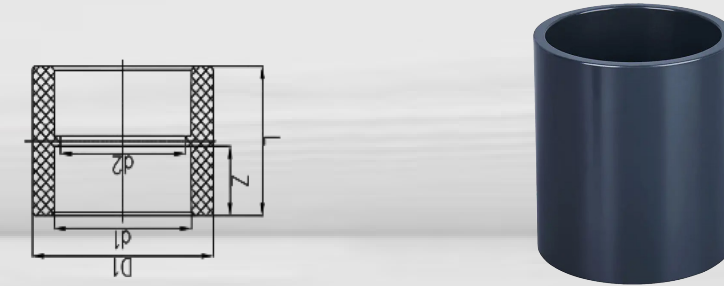
Nominal	Socket Type			Structural Diameter				
SIZE	d1	d2	l	D1	D2	d	L	PT
20X1/2"	22.4	21.25	30	29.5	32.5	18	49	14
25X3/4"	26.45	25.42	35	34	42	23.5	58	14
32X1"	32.55	31.37	40	41	50	30	66	11
40X1-1/4"	38.6	37.31	44	47	55	36	71	11
50X1-1/2"	48.7	47.21	55	58	63	46	83	11
63X2"	60.8	59.1	63	72	77	58	94	11

UPVC Cap (DIN PN16)



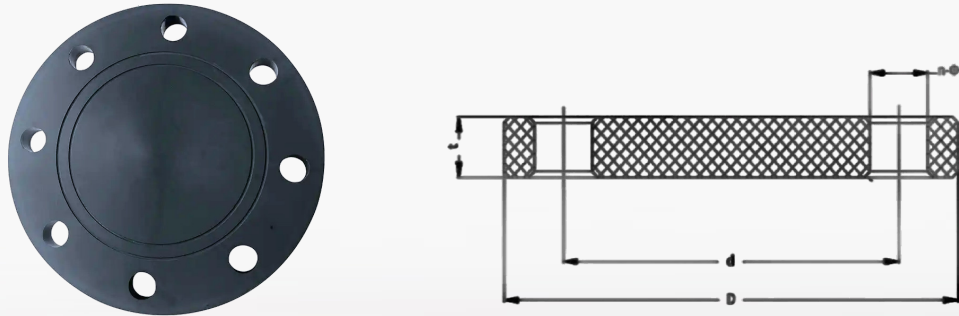
Nominal	Socket Type			Structural Diameter	
SIZE	d1	d2	l	D	L
20	19.3	19	16.2	28	27.2
25	24.1	23.8	18.2	33.6	32.4
32	31	30.7	20.2	42.4	37.4
40	39	38.6	22.2	52.6	42.6
50	49	48.6	25.2	66	50.1
63	61.9	61.4	28.6	84.4	61.2
75	73.6	72.3	31.5	95.8	69.8
90	88.3	86.9	36.2	113.7	81.4
110	108	106.4	42	138.4	97.2

UPVC Coupling (DIN PN16)



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

UPVC BLIND FLANGE (DIN PN16)



DN	D	d	t	n-Φ
15	95	65	12	4-Φ14
20	105	75	15	4-Φ14
25	115	85	15	4-Φ14
32	140	100	17	4-Φ18
40	150	110	17	4-Φ18
50	165	125	17	4-Φ18
65	180	145	19	4-Φ18
80	200	160	19	8-Φ18
100	220	180	21	8-Φ18
125	250	210	21	8-Φ18
150	285	240	20	8-Φ22
200	340	295	24	8-Φ22
250	395	350	26	12-Φ22
300	445	400	30	12-Φ22
350	505	460	30	16-Φ22
400	565	515	32	16-Φ26
450	615	565	35	20-Φ26
500	670	620	38	20-Φ26
600	780	725	42	20-Φ26

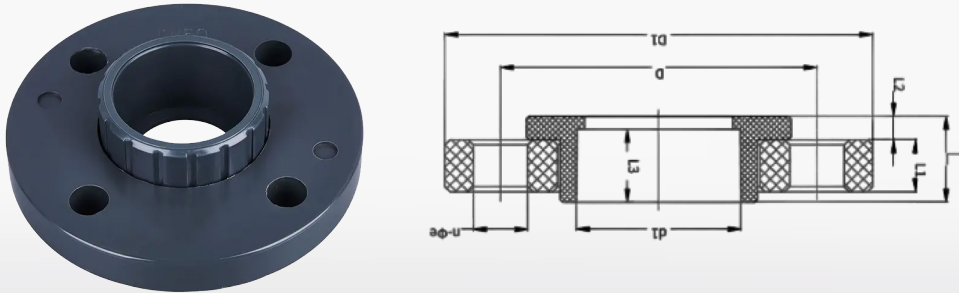
UPVC Rods & UPVC Plates



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

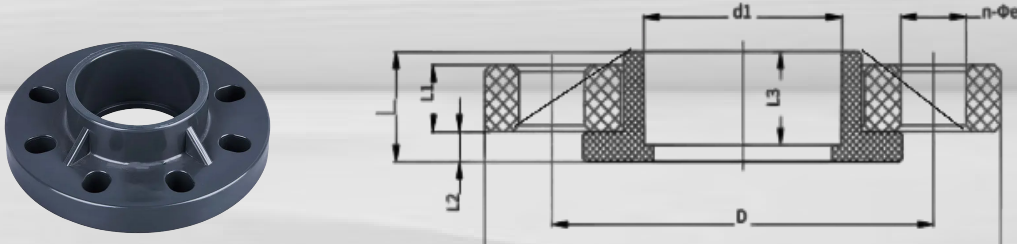


UPVC VAN STONE FLANGE (DIN PN16)



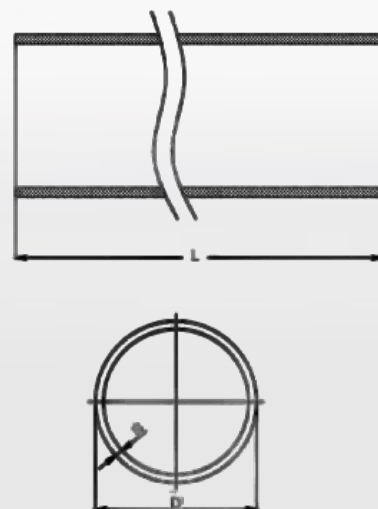
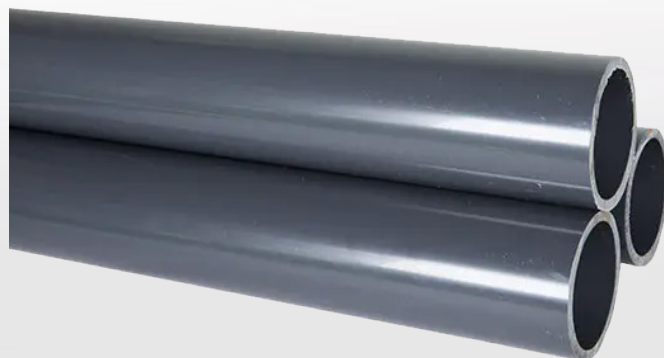
SIZE	D	C	d	D1	d1	d2	l	H	T	n-Φ
20	95	65	15	29	19.3	19	2.3	28	16	4-14
25	105	75	20	34	24.1	23.8	2.8	30	17	4-14
32	115	85	25	42	31	30.7	3	34	18	4-18
40	140	100	32	52	39	38.6	3.7	37	20	4-18
50	150	110	40	61	49	48.6	4.6	40	22	4-18
63	165	125	50	75	61.9	61.4	5.8	45	24	4-18

UPVC TS Flange/One Piece Flange (DIN PN16)



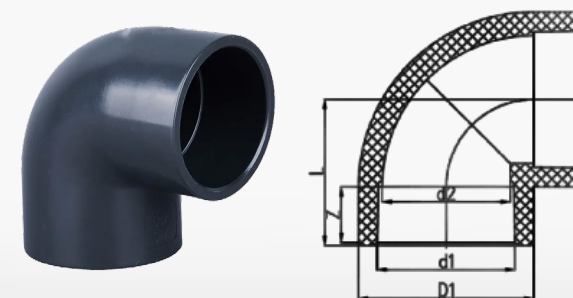
SIZE	D	D1	C		d	d1		d2		H	T	l	n-Φ	
			DIN	JIS		DIN	JIS	DIN	JIS				DIN	JIS
20	95	32	65	7	15	19.3	20.3	19	21.78	35	14	32	4-15	4-15
25	105	35	75	7.5	20	24.1	26.3	23.8	25.7	40	15	37	4-15	4-15
32	125	42	85	90	25	31	32.33	30.7	31.67	45	16	40	4-19	4-19
40	140	52	100	100	32	39	38.43	38.6	37.57	49	16	44	4-19	4-19
50	150	62	110	105	43	49	48.46	48.6	47.54	59	18	54	4-19	4-19
63	165	76	125	120	55	61.9	60.56	61.4	59.44	66	20	61	4-19	4-19
75	185	90	145	140	65	73.6	76.88	72.3	75.9	70	22	61	4-19	4-19
90	200	108	160	150	80	88.3	89.67	86.9	88.86	73	22	64.5	8-19	8-19
110	220	132	180	175	100	108	114.97	106.4	113.8	93	22	83.5	8-19	8-19

UPVC PIPE (ANSI SCH40 & SCH80)



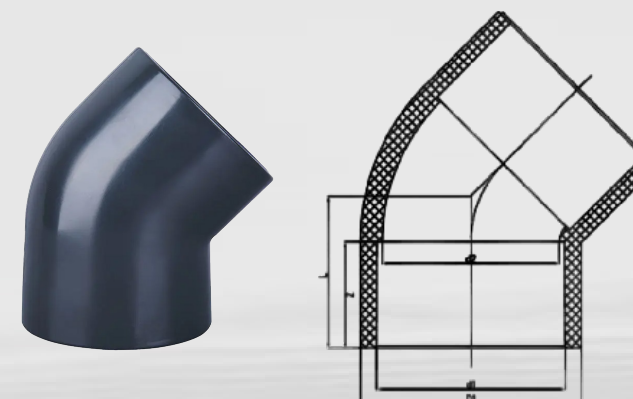
Nominal SIZE	D	Tolerance	SCH80		SCH40	
			T(mm)	Tolerance	T(mm)	Tolerance
1/2"	1/2"	±0.10	3.73	+0.51	2.77	+0.51
3/4"	3/4"	±0.10	3.91	+0.51	2.87	+0.51
1"	1"	±0.13	4.55	+0.53	3.38	+0.51
1-1/4"	1-1/4"	±0.13	4.85	+0.58	3.56	+0.51
1-1/2"	1-1/2"	±0.15	5.08	+0.61	3.68	+0.51
2"	2"	±0.15	5.54	+0.66	3.91	+0.51
2-1/2"	2-1/2"	±0.18	7.01	+0.84	5.16	+0.61
3"	3"	±0.20	7.62	+0.91	5.49	+0.66
4"	4"	±0.23	8.56	+1.02	6.02	+0.71
5"	5"	±0.25	9.52	+1.14	6.55	+0.79
6"	6"	±0.28	10.97	+1.32	7.11	+0.86
8"	8"	±0.38	12.7	+1.52	8.18	+0.99
10"	10"	±0.38	15.06	+1.80	9.27	+1.12

UPVC 90° Elbow (ANSI SCH80)



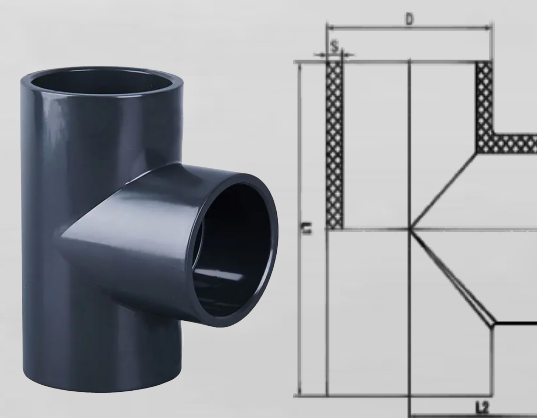
SIZE	Socket Type			Structural Diameter		
	d1	d2	l	D	d	H
1/2"	21.54	21.23	24	29.2	16	34.8
3/4"	26.87	26.57	27	34.9	22	40.9
1"	33.55	33.27	30	43	30	47
1-1/4"	42.42	42.04	34	52.3	38	54.25
1-1/2"	48.56	48.11	37	58.9	43	60.9
2"	60.63	60.17	40	71.9	54	70.1
2-1/2"	73.38	72.85	46.5	87.6	67	82.95
3"	89.31	88.7	50	104.75	82	93.6
4"	114.76	114.1	60	132	106	115.65
5"	141.81	141.1	76	162.3	133	150
6"	168.83	168	76.5	190.8	158	165.5
8"	219.84	218.7	102	245.3	200	225

UPVC 45° Elbow (ANSI SCH80)



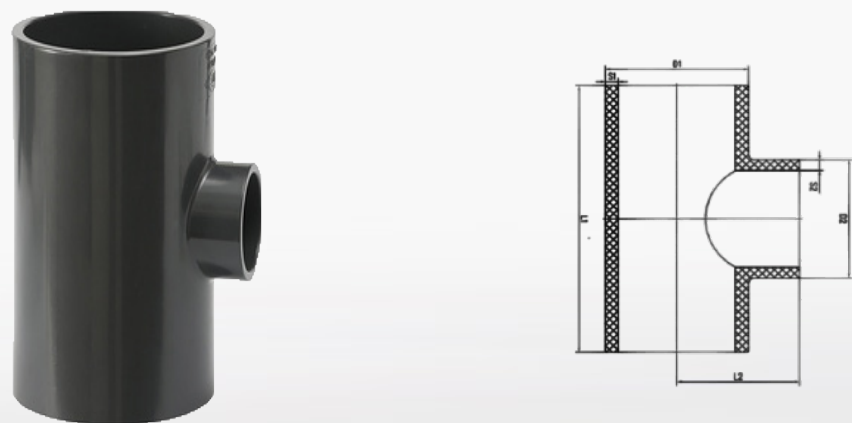
Nominal SIZE	Socket Type			Structural Diameter		
	d1	d2	l	D	d	H
1/2"	21.54	21.23	24	29.2	16	30.2
3/4"	26.87	26.57	27	34.9	22	36.2
1"	33.55	33.27	30	43	30	41
1-1/4"	42.42	42.04	34	52.3	38	46.4
1-1/2"	48.56	48.11	37	58.9	43	52.3
2"	60.63	60.17	40	71.9	54	59.8
2-1/2"	73.38	72.85	46.5	87.6	67	70
3"	89.31	88.7	50	104.75	82	78.3
4"	114.76	114.1	60	132	106	96.3
5"	141.81	141.1	76	162.3	133	108
6"	168.83	168	76.5	190.8	158	132.3
8"	219.84	218.7	102	245.3	200	163.2

UPVC Tee (ANSI SCH80)



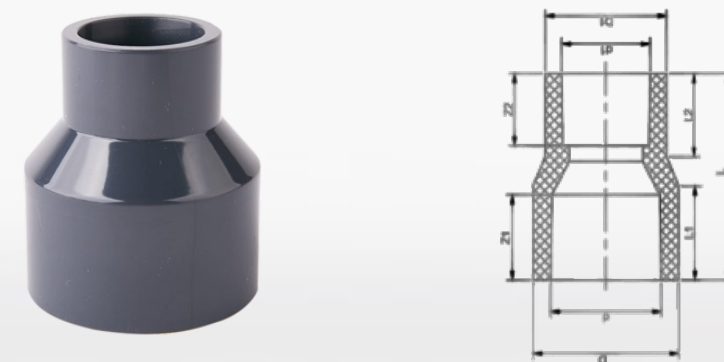
Nominal SIZE	Socket Type			Structural Diameter		
	d1	d2	l	D	d	L
1/2"	21.54	21.23	24	29.2	16	69.6
3/4"	26.87	26.57	27	34.9	22	82
1"	33.55	33.27	30	43	30	94.3
1-1/4"	42.42	42.04	34	52.3	38	108.5
1-1/2"	48.56	48.11	37	58.9	43	120.5
2"	60.63	60.17	40	71.9	54	140.7
2-1/2"	73.38	72.85	46.5	87.6	67	166.5
3"	89.31	88.7	50	104.75	82	188
4"	114.76	114.1	60	132	106	232
5"	141.81	141.1	76	162.3	133	298.5
6"	168.83	168	76.5	190.8	158	331
8"	219.84	218.7	102	245.3	200	432

UPVC Reducing Tee (ANSI SCH80)



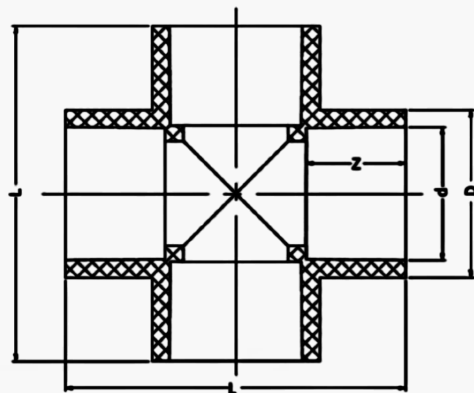
Nominal	Socket Type						Structural Diameter			
SIZE	d1	d2	I1	d3	d4	I2	D1	D2	d	L
3/4"×1/2"	26.87	26.57	27	21.54	21.23	24	35	30	22	76.5
1"×1/2"	33.65	33.27	30	21.54	21.23	24	44	30	30	87.7
1"×3/4"	33.65	33.27	30	26.87	26.57	27	44	35	30	87.7
1-1/4"×1/2"	42.42	42.04	34	21.54	21.23	24	54	30	38	100.5
1-1/4"×3/4"	42.42	42.04	34	26.87	26.57	27	54	35	38	100.5
1-1/4"×1"	42.42	42.04	34	33.65	33.27	30	54	44	38	100.5
1-1/2"×1/2"	48.56	48.11	37	21.54	21.23	24	60	30	44	113.5
1-1/2"×3/4"	48.56	48.11	37	26.87	26.57	27	60	35	44	113.5
1-1/2"×1"	48.56	48.11	37	33.65	33.27	30	60	44	44	113.5
1-1/2"×1-1/4"	48.56	48.11	37	42.42	42.04	34	60	54	44	113.5
2"×1/2"	60.63	60.17	41	21.54	21.23	24	73	30	54	113
2"×3/4"	60.63	60.17	41	26.87	26.57	27	73	35	54	113
2"×1"	60.63	60.17	41	33.65	33.27	30	73	44	54	113
2"×1-1/4"	60.63	60.17	41	42.42	42.04	34	73	54	54	129
2"×1-1/2"	60.63	60.17	41	48.56	48.11	37	73	60	54	129
2-1/2"×1"	73.38	72.85	46.5	33.65	33.27	30	88	44	67	154
2-1/2"×1-1/4"	73.38	72.85	46.5	42.42	42.04	34	88	54	67	154
2-1/2"×1-1/2"	73.38	72.85	46.5	48.56	48.11	37	88	60	67	154
2-1/2"×2"	73.38	72.85	46.5	60.63	60.17	41	88	73	67	154
3"×1-1/2"	89.31	88.7	50	48.56	48.11	37	105	60	82	172
3"×2"	89.31	88.7	50	60.63	60.17	41	105	73	82	172
3"×2-1/2"	89.31	88.7	50	73.38	72.85	46.5	105	88	82	172
4"×1-1/2"	114.76	141.1	60	48.56	48.11	37	132	60	106	208
4"×2"	114.76	141.1	60	60.63	60.17	41	132	73	106	208
4"×2-1/2"	114.76	141.1	60	73.37	72.85	46.5	132	88	106	208
4"×3"	114.76	141.1	60	89.31	88.7	50	132	105	106	208

UPVC Reducing Coupling Tee (ANSI SCH80)



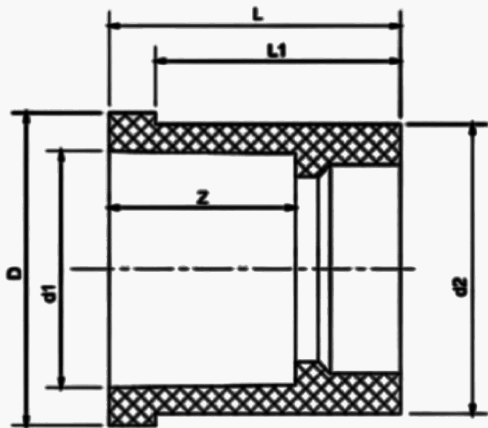
Nominal	Socket Type						Structural Diameter			
SIZE	d1	d2	I	d3	d4	I2	D1	D2	d	L
3/4"×1/2"	26.87	26.57	27	21.54	21.23	24	35	30	22	56.5
1"×1/2"	33.65	33.27	30	21.54	21.23	24	44	30	30	62.2
1"×3/4"	33.65	33.27	30	26.87	26.57	27	44	35	30	62.4
1-1/4"×1/2"	42.42	42.04	34	21.54	21.23	24	54	30	38	68
1-1/4"×3/4"	42.42	42.04	34	26.87	26.57	27	54	35	38	68
1-1/4"×1"	48.56	42.04	34	33.65	33.27	30	54	44	38	68
1-1/2"×1/2"	48.56	48.11	37	21.54	21.23	24	60	30	44	74
1-1/2"×3/4"	48.56	48.11	37	26.87	26.57	27	60	35	44	74
1-1/2"×1"	48.56	48.11	37	33.65	33.27	30	60	44	44	75
1-1/2"×1-1/4"	60.63	48.11	37	42.42	42.04	34	60	54	44	74.3
2"×1/2"	60.63	60.17	41	21.54	21.23	24	73	30	54	76.8
2"×3/4"	60.63	60.17	41	26.87	26.57	27	73	35	54	76.5
2"×1"	60.63	60.17	41	33.65	33.27	30	73	44	54	76
2"×1-1/4"	60.63	60.17	41	42.42	42.04	34	73	54	54	82
2"×1-1/2"	60.63	60.17	41	48.56	48.11	37	73	60	54	82
2-1/2"×1-1/4"	73.38	72.85	46.5	42.42	42.04	41	88	54	67	92
2-1/2"×1-1/2"	73.38	72.85	46.5	48.56	48.11	37	88	60	67	92
2-1/2"×2"	73.38	72.85	46.5	60.63	60.17	41	88	73	67	92
3"×1-1/2"	89.31	88.7	50	45.86	48.11	37	105	60	82	102.4
3"×2"	89.31	88.7	50	60.63	60.17	41	105	73	82	102
4"×1-1/2"	114.76	141.1	60	48.56	48.11	37	132	60	106	106
4"×2"	114.76	141.1	60	60.63	60.17	41	132	73	106	105.5
4"×2-1/2"	114.76	141.1	60	73.38	72.85	46.5	132	88	106	115
4"×3"	114.76	141.1	60	89.31	88.7	50	132	105	106	115.4

UPVC CROSS (ANSI SCH80)



Nominal SIZE	Socket Type			Structural Diameter		
	d1	d2	I	D	d	L
1/2"	21.54	21.23	24	29.2	16	69.6
3/4"	26.87	26.57	27	34.9	22	82
1"	33.66	33.27	30	43	30	94.3
1-1/4"	42.42	42.04	34	52.3	38	108.5
1-1/2"	48.65	48.11	37	58.9	45	122
2"	60.63	60.17	40	71.9	56	143
2-1/2"	73.38	72.85	46.5	87.6	67	166.5
3"	89.31	88.7	50	104.75	82	188
4"	114.76	114.1	60	132	109	231
5"	141.81	141	76	162.3	133	298.5
6"	168.83	168	76.5	190.5	158	331.2
8"	219.84	218.7	102	245.3	200	432
10"	273.81	272.67	128	305.8	262.5	556

UPVC Reducing Bush (ANSI SCH80)



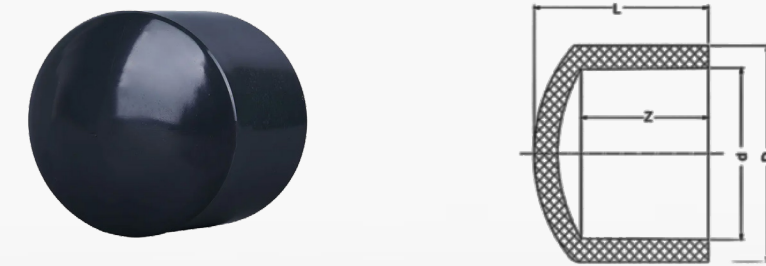
Nominal SIZE	Outside Dia D	Socket Type		Structural Diameter		
		d1	d2	d1	I	L
3/4"×1/2"	26.67	21.54	21.23	17	24	33
1"×3/4"	33.4	26.87	26.57	22.5	27	36
1-1/4"×1"	42.16	33.65	33.27	28	30	40
1-1/2"×1-1/4"	48.26	42.42	42.04	38	34	45
2"×1-1/2"	60.33	48.56	48.11	42	37	49
2-1/2"×2"	73.03	60.63	60.17	54	41	55
3"×2"	88.9	60.63	60.17	54	47	60
3"×2-1/2"	88.9	73.38	72.85	66	47	60
4"×2-1/2"	114.3	73.38	72.85	65	50	68
4"×3"	114.3	89.31	88.7	80	50	68
5"×4"	141.3	114.76	114.1	97.1	60	85
6"×4"	168.28	114.76	114.1	97.1	60	92.5
6"×5"	168.28	141.81	141	121	69	92.5
8"×4"	219.08	114.76	114.1	97.1	60	120
8"×6"	219.08	168.83	168	146	79	120

UPVC Male Adapter (ANSI SCH80)



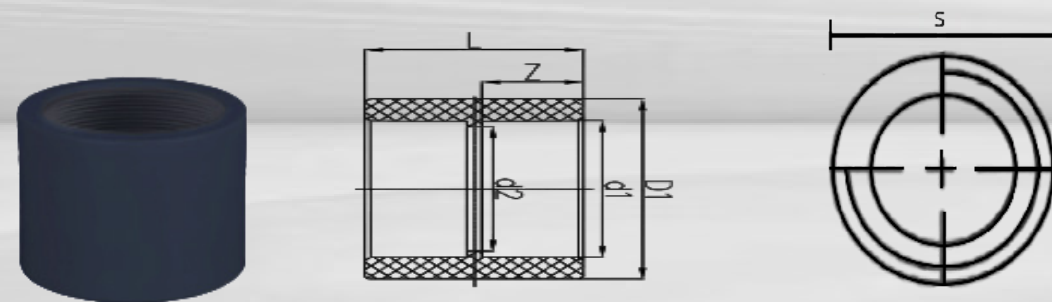
Nominal	Outside Dia	Socket Type			Structural Diameter		
SIZE	D	d1	d2	l	d	L	PT
1/2"	29.2	21.54	21.23	22.8	13.2	46.5	14
3/4"	34.9	26.87	26.57	25.9	19	49.4	14
1"	43	33.65	33.27	29.2	24	56.8	11.5
1-1/4"	52.3	42.42	42.04	32.25	32	58.5	11.5
1-1/2"	61	48.56	48.11	35.4	38	65.6	11.5
2"	75	60.63	60.11	38.6	50	70.3	11.5

UPVC Cap (ANSI SCH80)



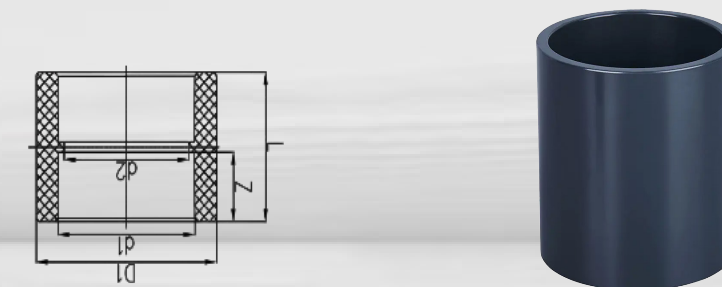
Nominal	Socket Type			Structural Diameter	
SIZE	d1	d2	l	d	L
1/2"	21.54	21.23	24	30	35
3/4"	26.75	26.57	27	35	36.5
1"	33.65	33.27	30	44	42
1-1/4"	42.28	42.04	34	54	46
1-1/2"	48.56	48.11	37	60	50.5
2"	60.63	60.17	40	73	55
2-1/2"	73.38	72.85	46.5	88	67.5
3"	89.31	88.7	50	105	71
4"	114.76	114.1	60	132	82

UPVC Female Adapter (ANSI SCH80)



Nominal	Outside Dia	Socket Type			Structural Diameter		
SIZE	D	d1	d2	l	d	L	PT
1/2"	30	21.54	21.23	24	13.2	44	14
3/4"	35	26.87	26.57	27	19	50	14
1"	44	33.65	33.27	30	24	55	11.5
1-1/4"	54	42.42	42.04	34	32	62	11.5
1-1/2"	60	48.56	48.11	37	38	67	11.5
2"	73	60.63	60.11	40	50	73	11.5

UPVC Coupling (ANSI SCH80)



Nominal	Socket Type			Structural Diameter		
SIZE	d1	d2	l	D	d	L
1/2"	21.54	21.23	24	29.2	16	50
3/4"	26.87	26.57	27	34.9	22	55.8
1"	33.65	33.27	30	43	30	62.5
1-1/4"	42.42	42.04	34	52.3	38	68.8
1-1/2"	48.56	48.11	37	58.9	43	76
2"	60.63	60.17	40	71.9	54	83.4
2-1/2"	73.38	72.85	46.5	87.6	67	97
3"	89.31	88.7	50	104.75	82	104.2
4"	114.76	114.1	60	132	106	125.6
5"	141.81	141.1	69	162.3	133	158.3
6"	168.83	168	79	190.8	158	159.5
8"	219.84	218.7	105	245.3	200	210.5

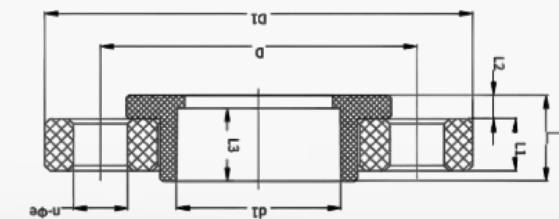
UPVC Rods & UPVC Plates (ANSI SCH80)



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

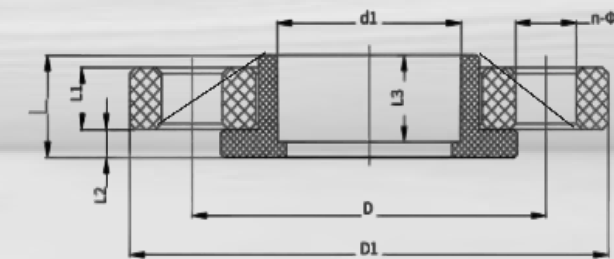


UPVC VAN STONE FLANGE (ANSI SCH80)



SIZE	D	D1	C	d	d1	d2	H	T	l	n-φ e
1/2"	95	30.6	60.45	15	21.54	21.23	26	14	21.6	4-15
3/4"	105	36	69.85	20	26.87	26.57	29.5	15	23.4	4-15
1"	125	43.8	79.25	25	33.65	33.27	32.2	16	28.7	4-19
1-1/4"	140	52.6	88.9	32	42.42	40.04	38.5	16	31.7	4-19
1-1/2"	150	60.7	98.55	40	48.56	48.11	40.5	18	35	4-19
2"	165	74.8	120.6	51	60.63	60.17	45	20	38.2	4-19
2-1/2"	185	89.6	139.7	63	73.38	72.85	51	24	45	4-19
3"	200	106.5	152.4	77	89.31	88.7	55	26	48	8-19
4"	229	133	190.5	102	114.76	114.1	64	28	57.5	8-19
5"	254	160.1	215.9	125	141.81	141	88	28	68	8-22
6"	285	187.1	241.3	156	168.83	168	87	32	76.8	8-22
8"	343	247.1	298.45	204	219.84	218.7	116	35	104.2	8-22
10"	406	305	362	256	273.81	272.67	150	42	128.6	12-25
12"	483	344.6	432	307	324.61	323.47	190	52	172	12-25

UPVC TS Flange/One Piece Flange (ANSI SCH80)



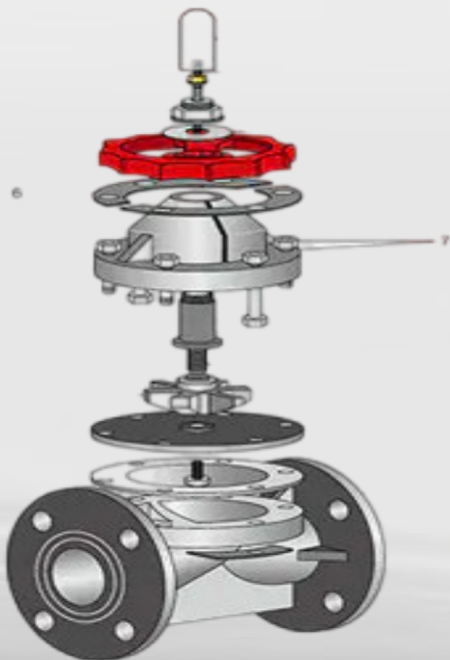
SIZE	D	D1	C	d	d1	d2	H	T	l	n-φ e
1/2"	89	32	60.45	15	21.54	21.23	35	14	30	4-16
3/4"	99	35	69.85	20	26.87	26.57	40	15	35	4-16
1"	108	43	79.25	25	33.65	33.27	45	16	40	4-16
1-1/4"	118	52	88.9	32	42.42	42.04	49	16	44	4-16
1-1/2"	127	59	98.55	43	48.46	48.11	59	18	35	4-16
2"	153	75	120.65	55	60.63	60.17	45	20	38.8	4-19
2-1/2"	178	89	139.7	65	73.38	72.85	70	22	44.5	4-19
3"	191	106	152.4	80	89.31	88.7	73	22	56	4-19
4"	230	132	190.5	100	114.76	114.1	93	22	57.3	8-19
5"	254	162	215.9	125	141.81	141	88	24	76	8-22
6"	279	187	241.3	150	168.83	168	91	26	76.2	8-22
8"	343	243	298.45	204	219.84	218.7	117	28	101.6	8-22

UPVC Flange-Type-Diaphragm VALVE



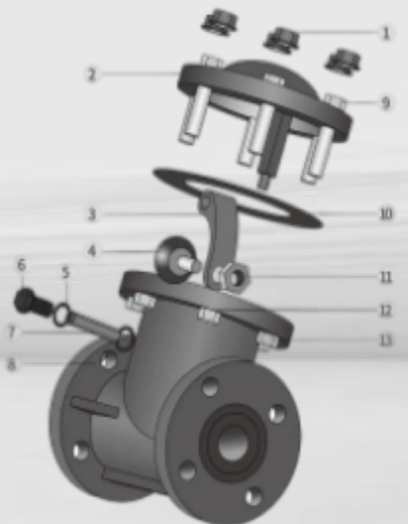
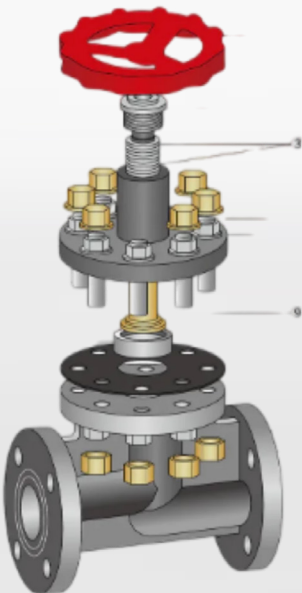
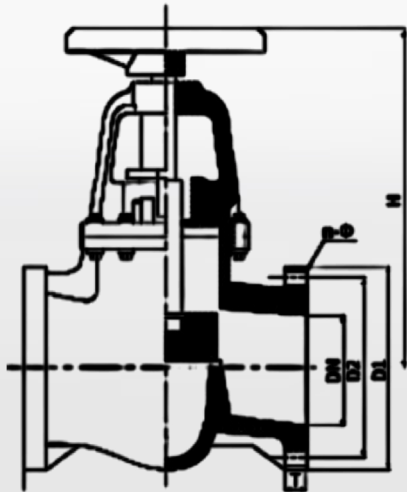
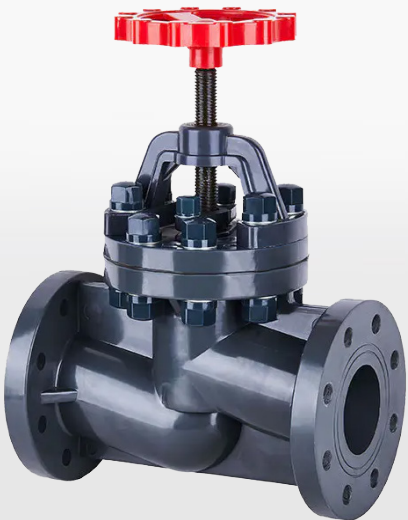
Size: 1/2"-4"
 Joint End: Socket(ANSI/DIN/JIS/CNS)
 Thread(PT/NPT/BSPF)
 Working Pressure: 150PSI

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



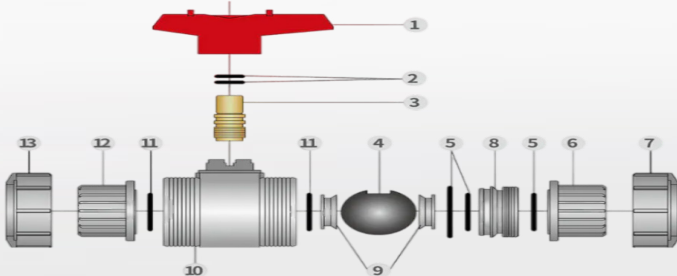
DN(mm)	D1	D					L				h	n					Φ		
		D	JIS	DIN	ANSI		L	JIS	DIN	ANSI		n	JIS	DIN	ANSI	Φ	JIS	DIN	ANSI
15(1/2")	95	65	70	65	2.38		125	110	130	4.33	14	4	4	4	4	14	15	14	0.63
20(3/4")	105	75	75	75	2.76		135	120	150	4.72	16	4	4	4	4	14	15	14	0.63
25(1")	115	85	90	85	3.13		145	130	160	5.12	16	4	4	4	4	14	19	14	0.63
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	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

UPVC Flange Globe Valve



DN(mm)	D1	D2			H	L	T	N-Φ		
		GB	JIS	ANSI				JIS	DIN	ANSI
15(1/2")	105	65	70	2.38	220	154	18	4-Φ14	4-Φ15	4-Φ16
20(3/4")	105	75	75	2.76	220	154	18	4-Φ14	4-Φ15	4-Φ16
25(1")	115	85	90	3.13	220	160	20	4-Φ14	4-Φ19	4-Φ16
32(1 1/4")	135	100	100	3.45	250	185	20	4-Φ18	4-Φ19	4-Φ16
40(1 1/2")	150	110	105	3.88	275	200	20	4-Φ18	4-Φ19	4-Φ16
50(2")	165	125	120	4.75	350	230	20	4-Φ18	4-Φ19	4-Φ19
65(2 1/2")	185	145	140	5.49	390	295	24	4-Φ18	4-Φ19	4-Φ19
80(3")	200	160	150	6	400	310	25	8-Φ18	8-Φ19	4-Φ19
100(4")	220	180	175	7.5	410	350	26	8-Φ18	8-Φ19	8-Φ19
125(5")	250	210	210	8.5	430	400	30	8-Φ18	8-Φ23	8-Φ22
150(6")	285	240	240	9.51	480	480	33	8-Φ23	8-Φ23	8-Φ22

UPVC 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

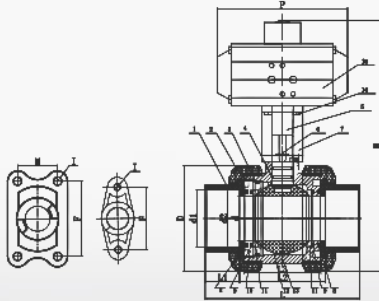
UNIT:MM

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

UNIT:MM

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

UPVC Pneumatic Double Union Ball Valve



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	Adaptor	SUS304	1	pcs
6	Stem	UPVC/CPVC/PPH	1	pcs
7	Support	UPVC/SUS304	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	Srew	SUS304	6-8	pcs
15	Pneumatic Actuator	SUS304	1	pcs

Size:1/2"-4"

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

Threaded(NPT/BSPT)

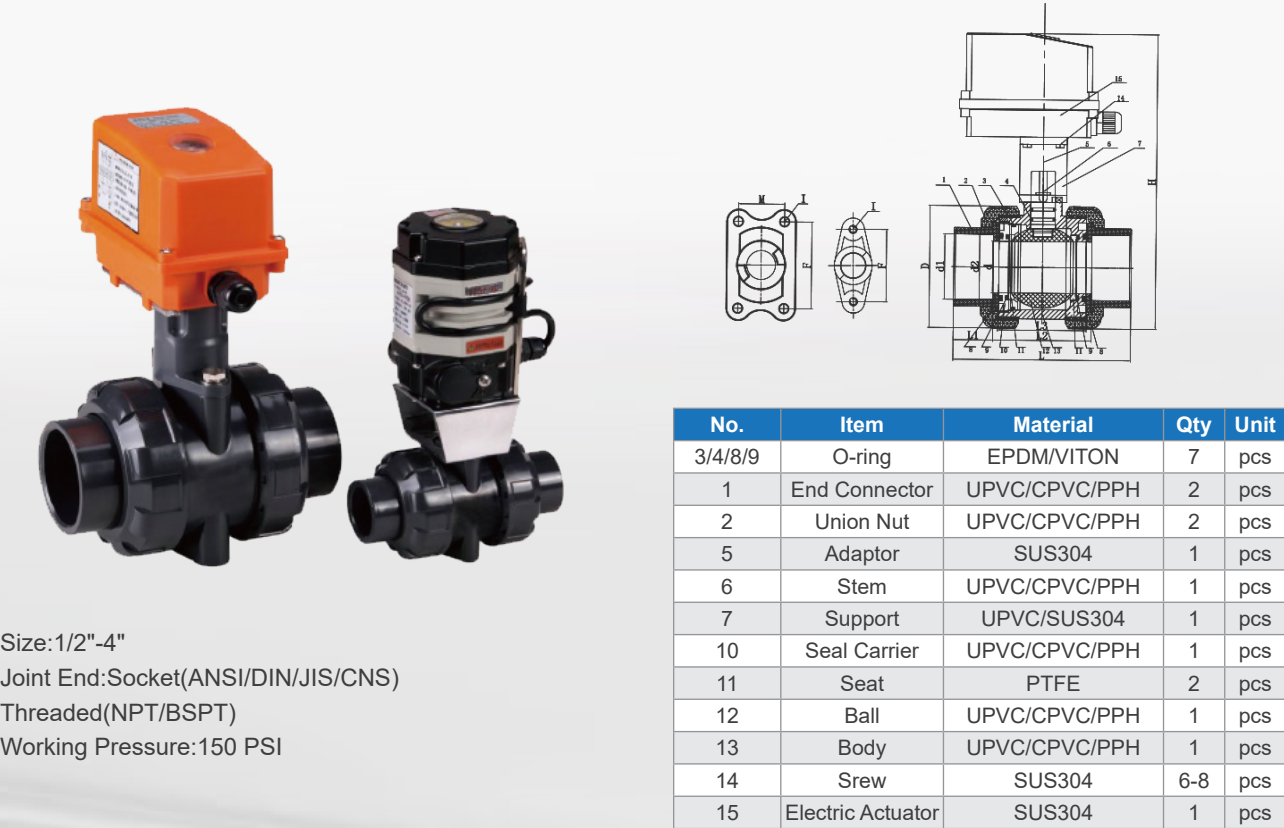
Working Pressure:150 PSI

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

UNIT:MM

SIZE	D	L	L1	L2	L3	P	H	F	M	I	Operating torque (N.M)
1/2"(15)	54	106	23	60	52	84	148	31	-	M6	2
3/4"(20)	63	114	26	62	54	90	153	33	-	M6	2.5
1"(25)	73.5	128	29	70	62	106	184	40	-	M6	4
1-1/4"(32)	84.5	144	33	78	70	116	190	52	-	M8	5
1-1/2"(40)	98	158.5	35.5	87.5	79.5	128	196	52	-	M8	7.5
2"(50)	118	172	38.5	95	85	140	245	70	-	M8	8.5
2-1/2"(65)	150	278	64.5	144.5	132.5	198	287	84	45	M10	13
3"(80)	169	310	70	166	150	218	296	84	45	M10	16
4"(100)	190	352	84	181	157	235	330	121	49	M12	25

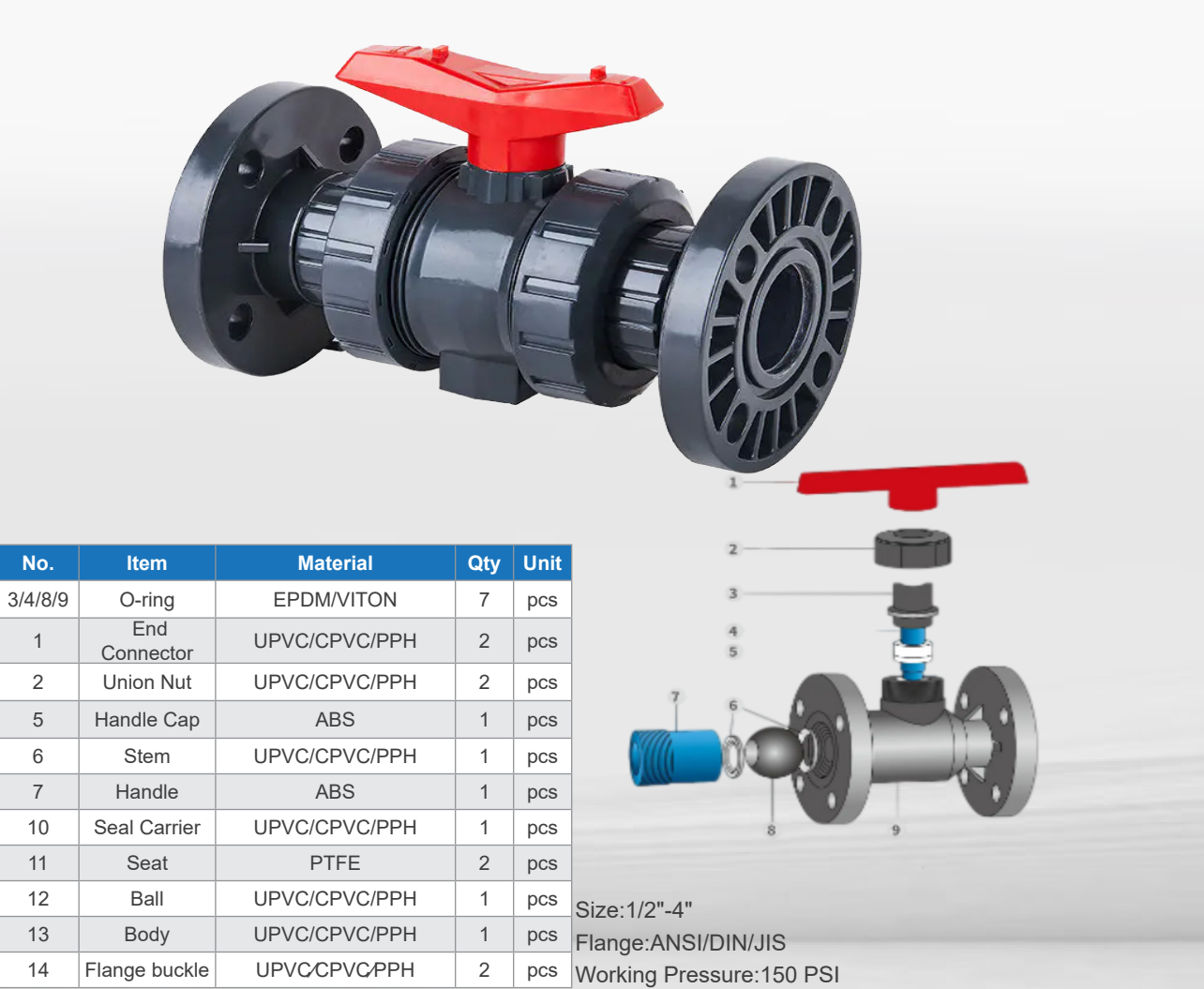
UPVC Electric Double Union Ball Valve



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

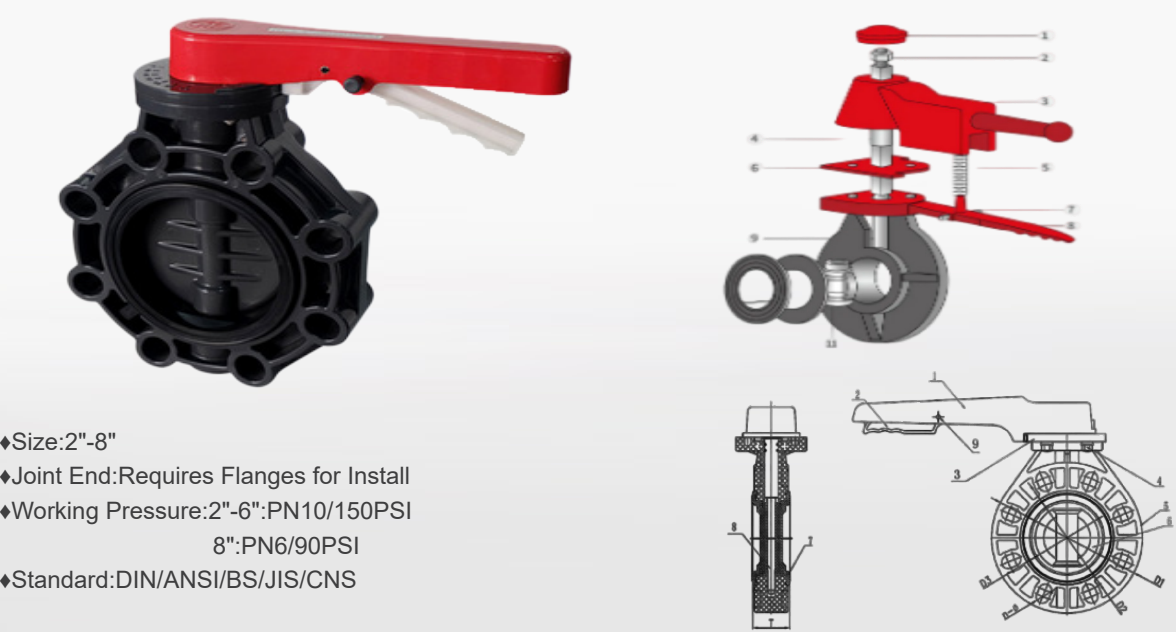
SIZE	D	L	L1	L2	L3	H	F	M	I	Operating torque (N.M)
1/2"(15)	54	106	23	60	52	148	31	-	M6	2
3/4"(20)	63	114	26	62	54	153	33	-	M6	2.5
1"(25)	73.5	128	29	70	62	184	40	-	M6	4
1-1/4"(32)	84.5	144	33	78	70	190	52	-	M8	5
1-1/2"(40)	98	158.5	35.5	87.5	79.5	196	52	-	M8	7.5
2"(50)	118	172	38.5	95	85	245	70	-	M8	8.5
2-1/2"(65)	150	278	64.5	144.5	132.5	287	84	45	M10	13
3"(80)	169	310	70	166	150	296	84	45	M10	16
4"(100)	190	352	84	181	157	330	121	49	M12	25

UPVC Flanged Type Ball Valve



SIZE	d	C			D	L	L1	W	H1	H2	F	M	I	n-φe
		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

UPVC Butterfly Valve (Lever Handle)

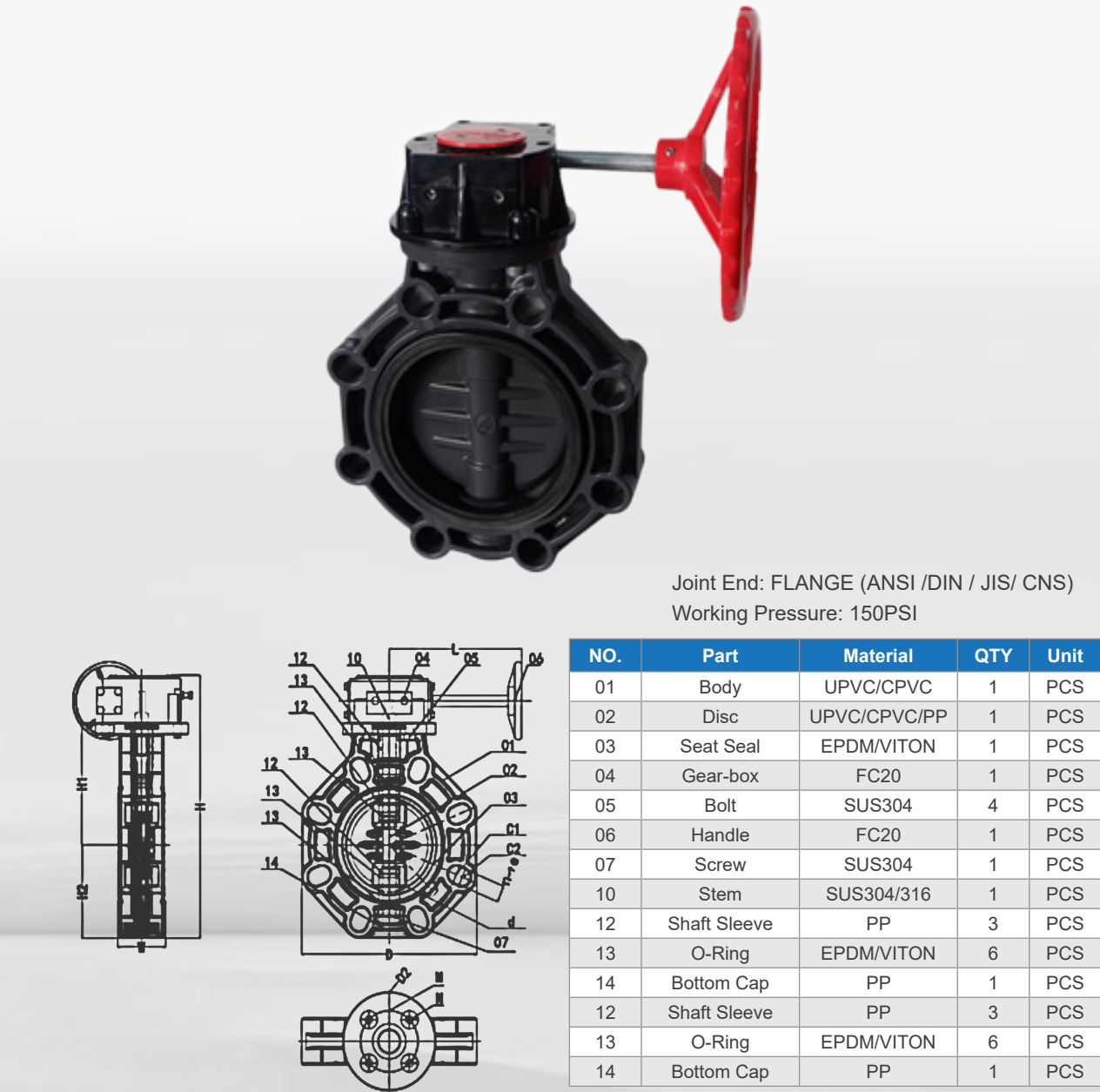


- ◆Size:2"-8"
- ◆Joint End:Requires Flanges for Install
- ◆Working Pressure:2"-6":PN10/150PSI
8":PN6/90PSI
- ◆Standard:DIN/ANSI/BS/JIS/CNS

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
	PSI	150	150	150	150	150	150	100
PN	MPa	1	1	1	1	1	1	0.6

UPVC Worm Gear Type Butterfly Valves



Joint End: FLANGE (ANSI /DIN / JIS/ CNS)
Working Pressure: 150PSI

NO.	Part	Material	QTY	Unit
01	Body	UPVC/CPVC	1	PCS
02	Disc	UPVC/CPVC/PP	1	PCS
03	Seat Seal	EPDM/VITON	1	PCS
04	Gear-box	FC20	1	PCS
05	Bolt	SUS304	4	PCS
06	Handle	FC20	1	PCS
07	Screw	SUS304	1	PCS
10	Stem	SUS304/316	1	PCS
12	Shaft Sleeve	PP	3	PCS
13	O-Ring	EPDM/VITON	6	PCS
14	Bottom Cap	PP	1	PCS
12	Shaft Sleeve	PP	3	PCS
13	O-Ring	EPDM/VITON	6	PCS
14	Bottom Cap	PP	1	PCS

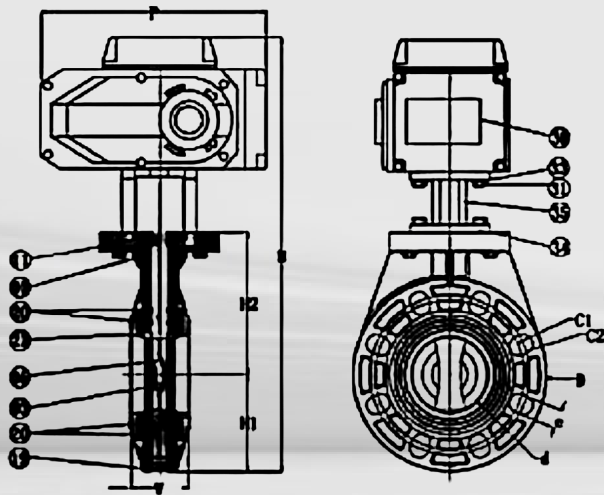
SIZE	d	CI	C2	H	HI	H2	w	D	D2	M	N	L	n-φe		Operating torque (N. M)
													JIS	DIN/ANSI	
2" (50)	65	120	125	210	120	81	48	156	112	70	9	165	4-19		18
2-1/2"(65)	65	139	145	210	120	81	48	156	112	70	9	165	4-19		18
3" (80)	80	150	160	242	136	96	50	190	112	70	9	165	8-19		20
4" (100)	102	175	191	305	148	107	53	211	112	70	9	165	8-19		30
5"(125)	126	210	216	333	164	118	66	238	112	70	9	165	8-23		33
6" (150)	148	239	242	372	180	132	72	263	136	70/102	11	215	8-23		48
8"(200-225)	195	290	298	443	205	167	72	335	136	102	11	215	12-23	8-23	80
10"(250-280)	245	335	362	585	294	227	114	453	136	102	11	215	12-26		120
12" (315)	295	400	432	616	306	239	114	477	136	102	11	215	14-26	12-26	150

UPVC Electric Actuator Butterfly Valves



NO.	Part	Material	QTY	Unit
01	Body	UPVC/CPVC	1	PCS
02	Disc	UPVC/CPVC/PP	1	PCS
03	Seat Seal	EPDM/VITON	1	PCS
04	Electric Actuator	ALLOY	1	PCS
05	Bolt	SUS304	4	PCS
07	Screw	SUS304	1	PCS
10	Stem	SUS304/316	1	PCS
12	Shaft Sleeve	PP	3	PCS
13	O-Ring	EPDM/VITON	6	PCS
14	Bottom Cap	PP	1	PCS

Joint End: FLANGE (ANSI /DIN / JIS/ CNS)
 Working Pressure: 150PSI



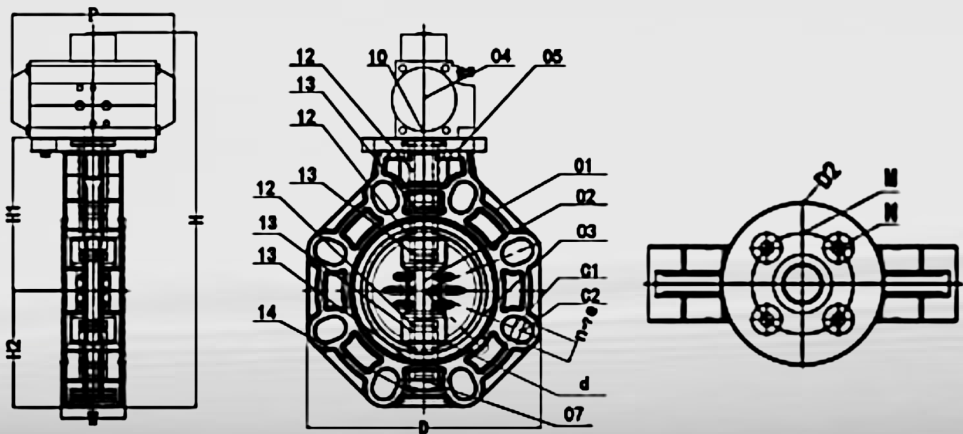
SIZE	d	C1	C2	H	H1	H2	H3	S	W	D	D2	M	N	P	n- ϕ e		Operating torque (N. M)
															JIS	DIN/ANSI	
2"(50)	65	120	125	317	110	86	17	9	48	172	112	70	9	132	4-19		18
2-1/2"(65)	65	139	145	317	110	86	17	9	48	172	112	70	9	132	4-19		18
3"(80)	80	150	160	343	126	96	17	11	50	190	112	70	9	132	8-19		20
4"(100)	102	175	191	366	138	107	17	11	53	211	112	70	9	132	8-19		30
5"(125)	126	210	216	393	154	118	18	11	66	238	112	70	9	132	8-23		33
6"(150)	148	239	242	422	168	132	20.5	14	72	263	136	70/102	11	165	8-23		48
8" (200)	195	290	298	494	205	167	22	17	72	335	136	102	11	165	12-23	8-23	80
10"(250-280)	245	335	362	693	294	227	25	22	114	453	195	102	11	270	12-26		120
12" (315)	295	400	432	718	306	239	25	22	114	477	195	102	11	270	14-26	12-26	150

Pneumatic Actuator Buttterfly Valves



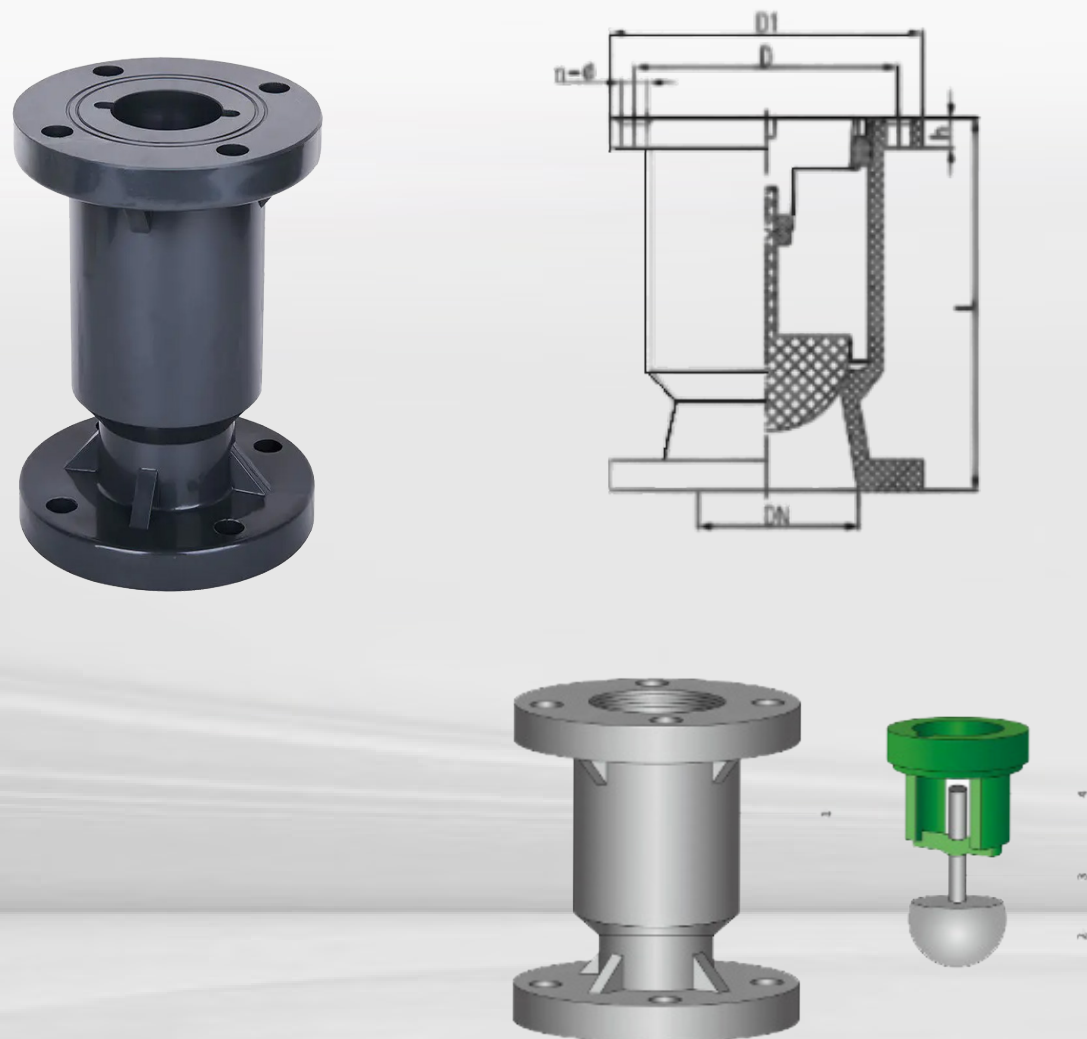
NO.	Part	Material	QTY	Unit
01	Body	UPVC/CPVC	1	PCS
02	Disc	UPVC/CPVC/PP	1	PCS
03	Seat Seal	EPDM/VITON	1	PCS
04	Pneumatic Actuator	ALLOY	1	PCS
05	Bolt	SUS304	4	PCS
07	Screw	SUS304	1	PCS
10	Stem	SUS304/316	1	PCS
12	Shaft Sleeve	PP	3	PCS
13	O-Ring	EPDM/VITON	6	PCS
14	Bottom Cap	PP	1	PCS

Joint End: FLANGE (ANSI /DIN / JIS/ CNS)
 Working Pressure: 150PSI



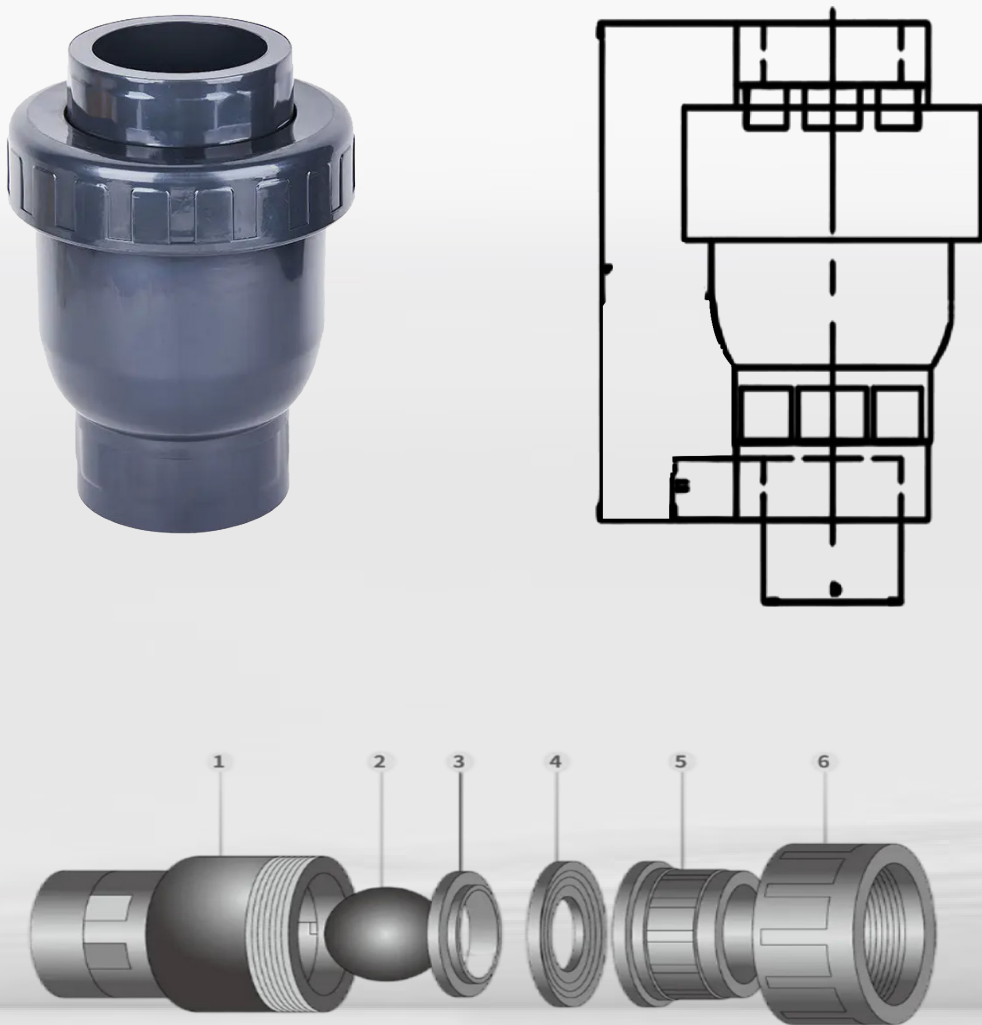
SIZE	d	C1	C2	H	H1	H2	W	D	D2	M	N	P	n- ϕ e		Operating torque (N.M)
													JIS	DIN/ANSI	
2"(50)	65	120	125	298	no	81	48	156	112	70	9	190	4-19		18
2-1/2"(65)	65	139	145	298	no	81	48	156	112	70	9	190	4-19		18
3"(80)	80	150	160	341	126	96	50	190	112	70	9	190	8-19		20
4"(100)	102	175	191	364	138	107	53	211	112	70	9	190	8-19		30
5"(125)	126	210	216	425	154	118	66	238	112	70	9	190	8-23		33
6"(150)	148	239	242	453	168	132	72	263	136	70/102	11	282	8-23		48
8"(200)	195	290	298	547	205	167	72	335	136	102	11	282	12-23	8-23	80
10"(250-280)	245	335	362	703	294	227	114	453	195	102	11	312	12-26		120
12"(315)	295	400	432	728	306	239	114	477	195	102	11	312	14-26	12-26	150

UPVC Vertical Check Valve



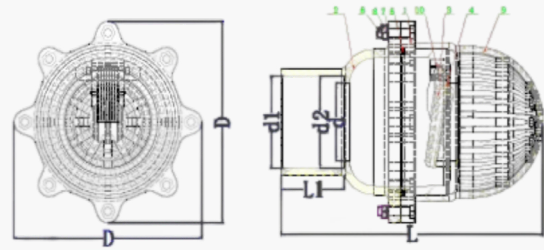
DN(mm)	D1	D			L	h	n			Φ		
		GB	JIS	ANSI			GB	JIS	ANSI	JIS	DIN	ANSI
15(1/2")	95	65	70	2.38	120	15	4	4	4	14	15	16
20(3/4")	105	75	75	2.76	120	16	4	4	4	14	15	16
25(1")	115	85	90	3.13	130	16	4	4	4	14	19	16
32(1 1/4")	135	100	100	3.45	145	18	4	4	4	18	19	16
40(1 1/2")	145	110	105	3.88	168	20	4	4	4	18	19	16
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

UPVC Single Union Socket Check Valve



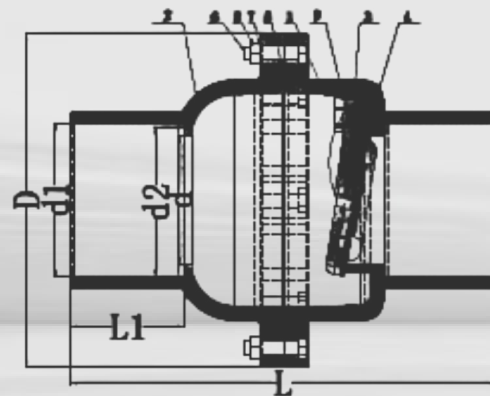
DN	L	D	LI
32	154	40	31
40	154	50	31
50	175	63	35
65	270	75	45
80	275	90	45
100	320	110	57

UPVC Flap Bottom Valve



SIZE	d	d1				d2				D	L	L1
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS			
4"(100)	95	114.76	110.45	114.7	115	114.1	109.90	113.98	113.80	250	348	84.5
5"(125)	125	141.81	140.5	140.8	141	141	140.20	140.10	139.70	265	410	85
6"(150)	150	168.83	160.5	166	166.2	168	160.20	164.70	165.30	290	445	86.5

UPVC Flap Check Valve



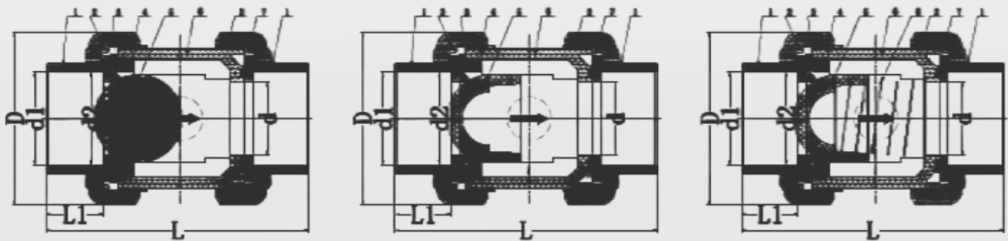
Size: 1/2"-3"
 Joint End: Socket(ANSI/DIN/JIS/CNS)
 Threaded: (NPT/BSPT)
 Full Ball/Half Ball
 Working Pressure: 150PSI

SIZE	d	d1				d2				D	L	L1
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS			
4"(100)	95	114.76	110.4	114.7	115	114.1	110.1	113.98	113.8	205	274	84
5"(125)	125	141.81	140.5	140.8	141	141	140.1	140.1	139.7	260	392	77
6"(150)	150	168.83	160.5	166	166.2	168	160.1	164.7	165.3	290	390	86.5

UPVC True Union Check Valve



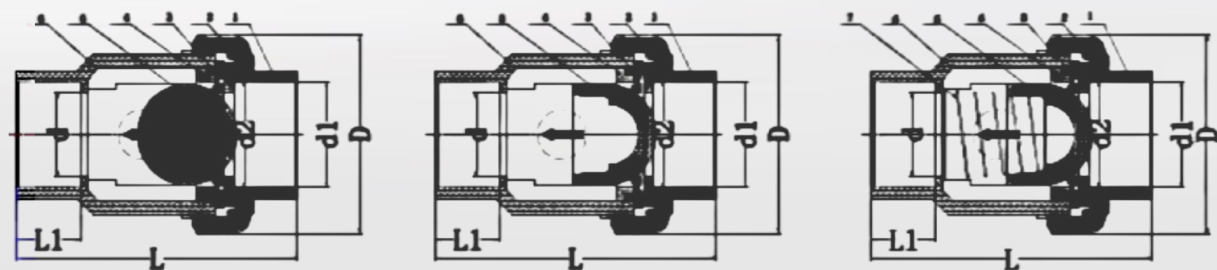
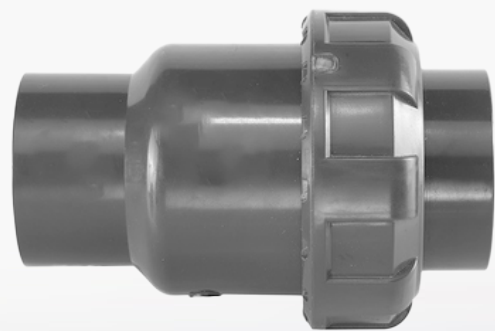
Size: 1/2"-3"
 Joint End: Socket(ANSI/DIN/JIS/CNS)
 Threaded: (NPT/BSPT)
 Full Ball/Half Ball
 Working Pressure: 150PSI



No.	Item	Material	Qty	Unit	No.	Item	Material	Qty	Unit
1	End Connector	UPVC/CPVC/PPH	2	PCS	1	End Connector	UPVC/CPVC/PPH	2	pcs
2	Union Nut	UPVC/CPVC/PPH	2	PCS	2	Union Nut	UPVC/CPVC/PPH	2	pcs
3	Seat Seal	EPDM/VITON	1	PCS	3	Seat Seal	EPDM/VITON	1	pcs
4	Gasket	UPVC/CPVC/PPH	1	PCS	4	Gasket	UPVC/CPVC/PPH	1	pcs
5	Ball	UPVC/CPVC/PPH	1	PCS	5	Ball	UPVC/CPVC/PPH	1	pcs
6	Body	UPVC/CPVC/PPH	1	PCS	6	Body	UPVC/CPVC/PPH	1	pcs
7	O-Ring	EPDM/VITON	1	PCS	7	O-Ring	EPDM/VITON	1	pcs
					8	Spring	SUS304	1	pcs

SIZE	d	d1				d2				D	L	L1
		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	54	91	23
3/4"(20)	20	26.75	25.25	26.3	26.4	26.58	25.05	25.85	25.9	63	106.5	26
1"(25)	25	33.52	32.25	32.33	34.5	33.28	32.05	31.85	33.9	73.5	125	29
1-1/4"(32)	32	42.28	40.25	38.43	42.5	42.05	40.05	37.85	41.9	84.5	141	33
1-1/2"(40)	40	48.4	50.25	48.46	48.6	48.12	50.05	47.75	47.9	98	150.5	35.5
2"(50)	50	60.45	63.25	60.56	60.6	60.18	63.05	59.75	59.9	119	169.5	38.5

UPVC Single Union Check Valve

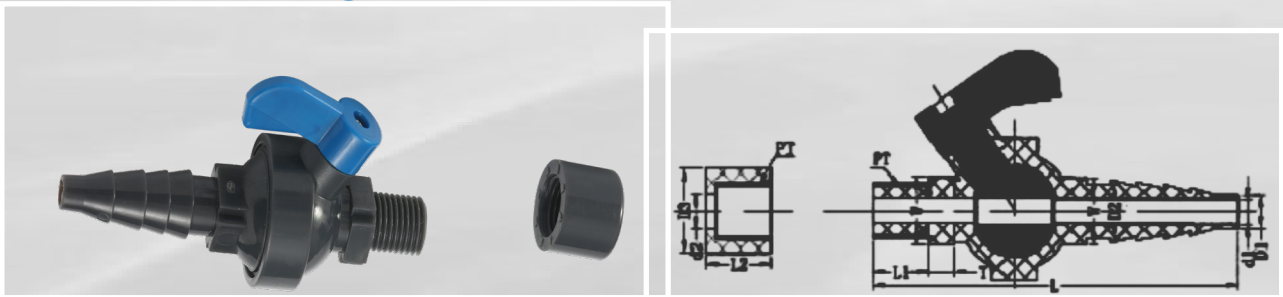


Size:1/2"-3"
 Joint End:Socket(ANSI/DIN/JIS/CNS)
 Threaded:(NPT/BSPT)
 Full Ball/Half Ball
 Working Pressure:150PSI

No.	Item	Material	Qty	Unit
1	End Connector	UPVC/CPVC/PPH	1	pcs
2	Union Nut	UPVC/CPVC/PPH	1	pcs
3	Seat Seal	EPDM/VITON	1	pcs
4	Gasket	UPVC/CPVC/PPH	1	pcs
5	Ball	UPVC/CPVC/PPH	1	pcs
6	Body	UPVC/CPVC/PPH	1	pcs

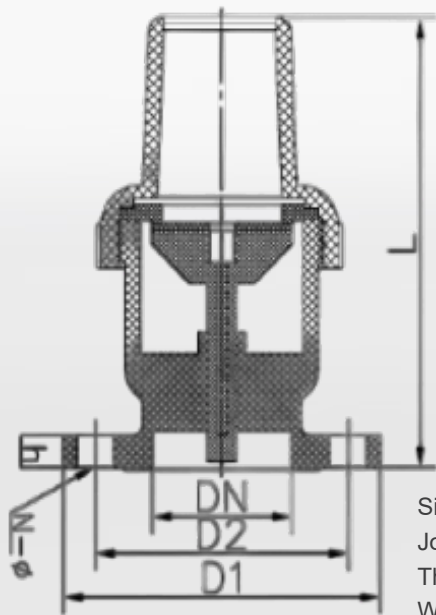
SIZE	d	d1				d2				D	L	L1
		ANSI	DIN	JIS	CNS	ANSI	DIN	JIS	CNS			
1/2"(15)	15	21.4	20.25	22.3	22.4	21.25	20.05	21.85	21.9	54	91	23
3/4"(20)	20	26.75	25.25	26.3	26.4	26.58	25.05	25.85	25.9	63	106.5	26
1"(25)	25	33.52	32.25	32.33	34.5	33.28	32.05	31.85	33.9	73.5	125	29
1-1/4"(32)	32	42.28	40.25	38.43	42.5	42.05	40.05	37.85	41.9	84.5	141	33
1-1/2"(40)	40	48.4	50.25	48.46	48.6	48.12	50.05	47.75	47.9	98	150.5	35.5
2"(50)	50	60.45	63.25	60.56	60.6	60.18	63.05	59.75	59.9	119	169.5	38.5
2-1/2"(65)	63	73.3	75.25	76.6	76.7	72.85	75.05	75.87	75.9	150	245	64.5
3"(80)	75	89.25	90.35	89.6	89.7	88.7	90.05	88.83	88.9	169	270	70

UPVC Sampling Valve

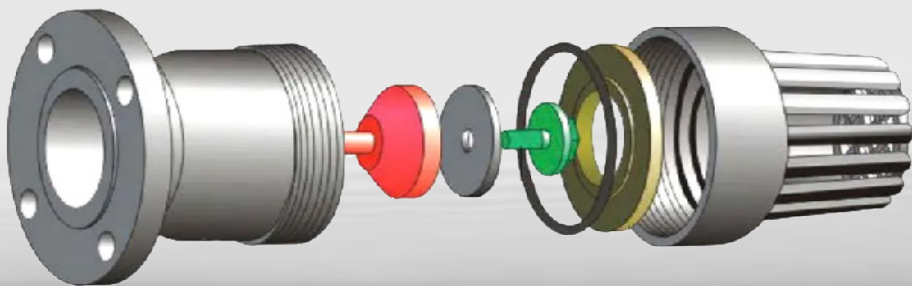


Size	d1	D1	D2	L	L1	W	T	L2	d2	D3			PT
										ANSI	DIN	JIS	
1/4"	6	8	12	90	14	16	6	16	8	21	20	22	19

UPVC 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(1 3/4")	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

⊙ 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 HC		20	⊙	×	⊙	⊙	⊙	⊙	△	⊙		△	
			40	⊙		⊙	⊙	⊙	⊙	△	⊙		×	
			60	○		⊙	⊙	⊙	⊙	×	○			
			80			○	⊙	⊙	⊙					
			100					⊙	○					
			120					○						
			80				×	⊙						
			100					⊙						
			120					⊙						
Aluminum Nitrate	Al(NO ₃) ₃	Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙	⊙	○			⊙
			100				⊙	⊙	⊙					
Aluminum Sulfate	Al ₂ (SO ₄) ₃	Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	○
			80		⊙	⊙	⊙	⊙	⊙					
			100				⊙	⊙						
Ammonium Nitrate	NH ₄ NO ₃		20	⊙	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	○	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	
			80			⊙	⊙	⊙	⊙	⊙	⊙	○		
			100				⊙	⊙						
Arsenic Acid	H ₃ ASO ₄	Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	○	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	△	○	○	⊙	⊙	⊙	○	○	⊙	⊙	⊙
			80		△	△	⊙	⊙	○	○	○			
			100				⊙	⊙	○					
Beer			20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	○	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙	⊙	○		⊙	⊙
			100				⊙	⊙						
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				⊙	⊙						
Borax	Na ₂ B ₄ O ₇ ·10H ₂ O		20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	⊙	⊙	⊙
			80		⊙	⊙	⊙	⊙	⊙		×			
			100				⊙	⊙						
Boric Acid	H ₃ BO ₃	Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			80		○	⊙	⊙	⊙	⊙	○	○	△	○	○
			100				⊙	⊙	○					
Bormic Acid	HBrO ₃	Pure	20	⊙	⊙	×	⊙	⊙						
			40	⊙	⊙		⊙	⊙						
			60		⊙		⊙	⊙						
			80		⊙		⊙	⊙						
			100				⊙	⊙						
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				⊙	⊙						
			120				⊙	⊙						
Butyl Bromide	C ₄ H ₉ Br	Pure	20				⊙	⊙						
			40				⊙	⊙						
			60				⊙	⊙						
			80				⊙	⊙						
			100				⊙	⊙						
			120				⊙	⊙						
Butylene	CH ₃ CH ₂ CH=CH ₂		20				⊙	⊙	⊙					
			40				⊙	⊙	⊙					
			60				⊙	⊙	⊙					
			80				⊙	⊙	○					
			100				⊙	⊙						
			120				⊙	⊙						
Carboic Acid	H ₂ CO ₃	Satu	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			80		○	○	⊙	⊙	⊙	⊙	○	○	⊙	⊙
			100				⊙	⊙	○					
			120				⊙	⊙						
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					⊙						
			120					⊙						
Glycerol (Glycerine)	C ₃ H ₅ (OH) ₃	Pure	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
			60	⊙	⊙	⊙	⊙	⊙	⊙	⊙		⊙	⊙	⊙
			80			⊙	⊙	⊙	⊙	⊙				
			100				⊙	⊙						
			120				⊙	⊙						
			120				⊙	⊙						
Hydronromic Acid	HBr	20	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	⊙	⊙	⊙
			60	○	○	⊙	⊙	⊙	⊙	⊙	×			
			80		○	⊙	⊙	⊙	○	○				
			100				⊙	⊙						
			120				○	⊙						
			120				○	⊙						
		47	20	⊙	⊙	⊙	⊙	⊙	⊙	⊙	△	⊙	⊙	⊙
			40	⊙	⊙	⊙	⊙	⊙	⊙	⊙	×	⊙	⊙	⊙
			60	○	○	⊙	⊙	⊙	○	⊙		⊙	⊙	⊙
			80		○	⊙	⊙	⊙	△		×	×	×	
			100				⊙	⊙						
			120				○	⊙						
			120				○	⊙						
Hydrochloric Acid	HCl	25	20	⊙	⊙	⊙	⊙	⊙	⊙					
			40	⊙	⊙	⊙	⊙	⊙	⊙					
			60	⊙	⊙	⊙	⊙	⊙	⊙					
			80		⊙	⊙	⊙	⊙	○					
			100				⊙	⊙	△					
			120				○	⊙						
			120				○	⊙						
		35	20	⊙	⊙	⊙	⊙	⊙	⊙	○	△	×	○	○
			40	⊙	⊙	⊙	⊙	⊙	○	○	×		○	△
			60	⊙	⊙	⊙	⊙	⊙	×	×			×	×
			80		○	○	⊙	⊙						
			100				⊙	⊙						
			120				△	⊙						
			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											
Sulfuric Acid	H ₂ SO ₄	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				△	○	△					

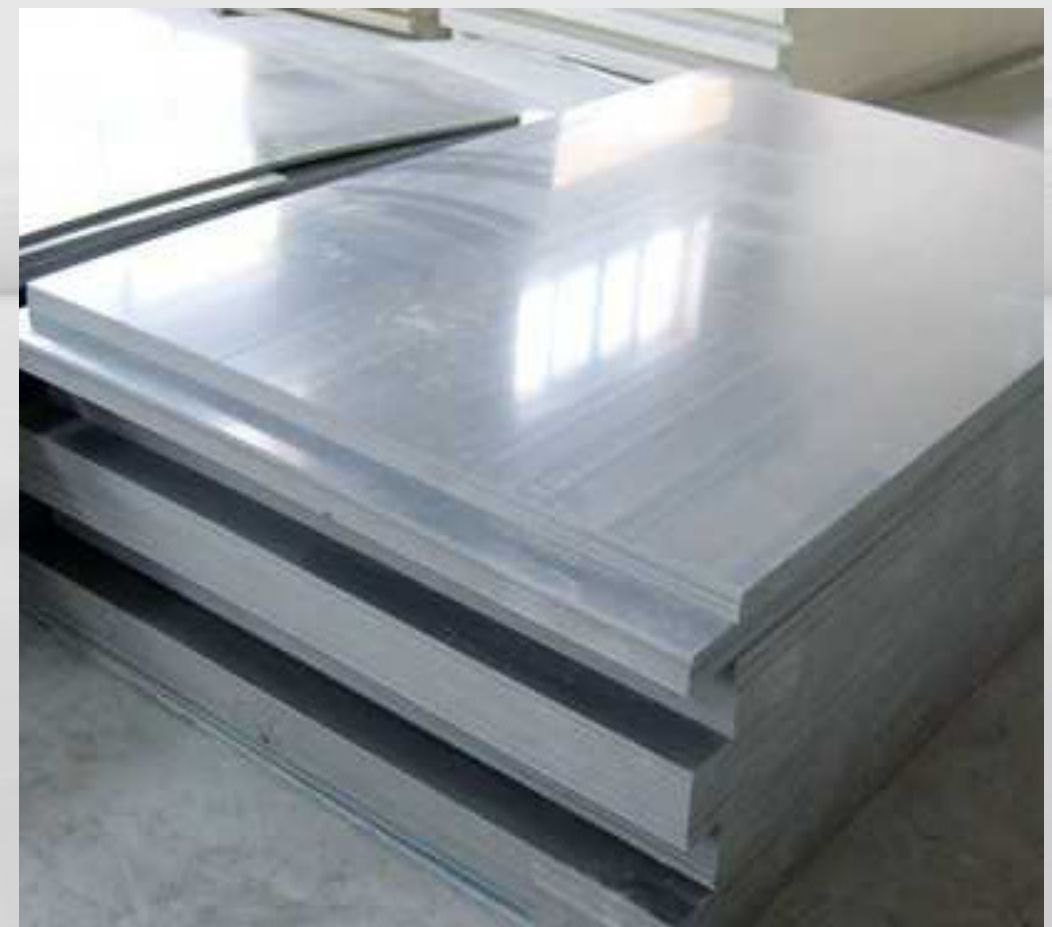
⊙ Excellent ○ Good △ Available × Corrosion Not Recommended

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>>



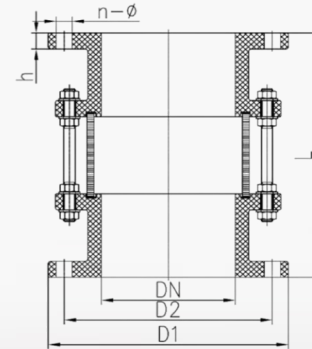


SALV ADOR INDUSTRIAL CO.LIMITED
NINGBO SALVADOR PIPING SYSTEM CO.,LTD



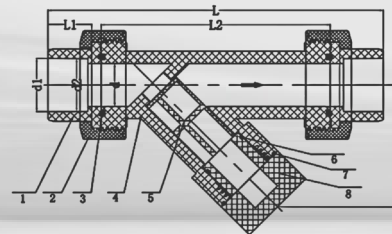
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UPVC Sight Glass DN15-150



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

UPVC Y Strainer/Y Filter



No.	Item	Material	Qty	Unit
1	End Connector	UPVC/CPVC/PPH	2	PCS
2	Union Nut	UPVC/CPVC/PPH	2	PCS
3/6/7	O-Ring	EPDM/VITON	4	PCS
4	Body	PVC	1	PCS
5	Filter Net	PP	1	PCS
8	Cock	UPVC/CPVC/PPH	1	PCS

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

UNIT:MM

Size	d	d1				d2				L	L1	L2	H
		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	174	22.3	110	55
3/4"(20)	20	26.75	25.25	26.3	26.4	26.58	25.05	25.85	25.9	185	26	125	66
1"(25)	25	33.52	32.25	32.33	34.5	33.28	32.05	31.85	33.9	202	29	138	75
1-1/4"(32)	32	42.28	40.25	38.43	42.5	42.05	40.05	37.85	41.9	233	32.5	149	82
1-1/2"(40)	40	48.4	50.25	48.46	48.8	48.12	50.05	47.75	47.9	276	35.5	189	105
2"(50)	50	60.45	63.25	60.6	60.6	60.18	63.05	59.75	59.9	311	38.5	222	135
2-1/2"(65)	63	73.3	75.25	76.7	76.7	72.85	75.05	75.87	75.9	410	64.5	268	168
3"(80)	75	89.25	90.35	89.6	89.7	88.7	90.05	88.83	88.9	485	70	330	220
4"(100)	90	114.6	110.35	114.7	115	114.1	110.05	113.98	113.8	615	84	420	300

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					◎						