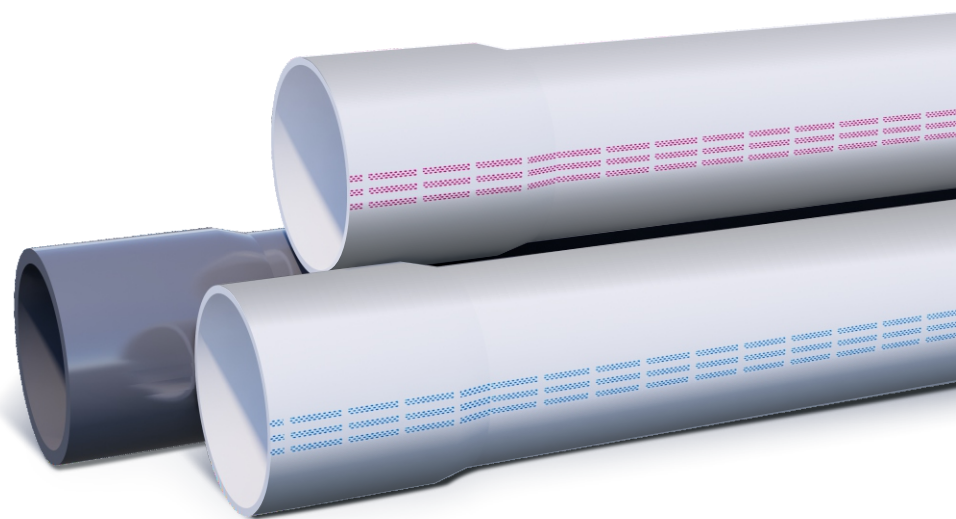


PVC-U JIS Water Pipes & Fittings

AMD



PVC-U Pipe & Fitting For Water Supply
and Drainage, manufactured in accordance
with Japanese Industrial Standards (JIS)



PRODUCT CATALOG

Dear Valued Customer

PT. AMD PIPING SYSTEM Founded in 2020, it is a company operating in the most complete piping sector in Indonesia. Offers products such as Plastic Pipes, Fittings, Valves, Accessories, Machinery & Equipment.

We focus on serving customers in the Infrastructure, Housing, Commercial, Industrial, Mining, Maritime, Agricultural and Plantation sectors.

AMD's goal is to offer high-quality products and services to meet customer needs.

AMD manages its business in accordance with standards

ISO 9001:2015
Quality Management System Certificate
ISO 14001:2015
Environmental Management System Certificate
ISO 45001:2018
Safety and Health Management System Certificate



PT. AMD PIPING SYSTEM Berdiri sejak tahun 2020 merupakan Perusahaan yang bergerak di bidang perpipaan terlengkap di Indonesia. Menawarkan produk-produk seperti Pipa Plastik, Fitting, Valve, Accesories, Mesin & Peralatan.

Kami fokus melayani pelanggan di bidang Infrastruktur, Perumahan, Komersial, Industrial, Pertambangan, Kelautan, Pertanian dan Perkebunan.

Tujuan AMD adalah menawarkan produk dan layanan berkualitas tinggi untuk memenuhi kebutuhan pelanggan .

AMD mengelola usaha sesuai dengan standard

ISO 9001:2015
Sertifikat Sistem Manajemen Mutu
ISO 14001:2015
Sertifikat Sistem Manajemen Lingkungan
ISO 45001:2018
Sertifikat Sistem Manajemen Keselamatan dan Kesehatan



PIPING SYSTEM TOTAL SOLUTION

Pipes, Fittings, Mesin & Tools
Valves, Accesories, Piping System



Water Supply



Drainage & Sewerage



Electrical & Communication



Gas



Fire Protection



HVAC



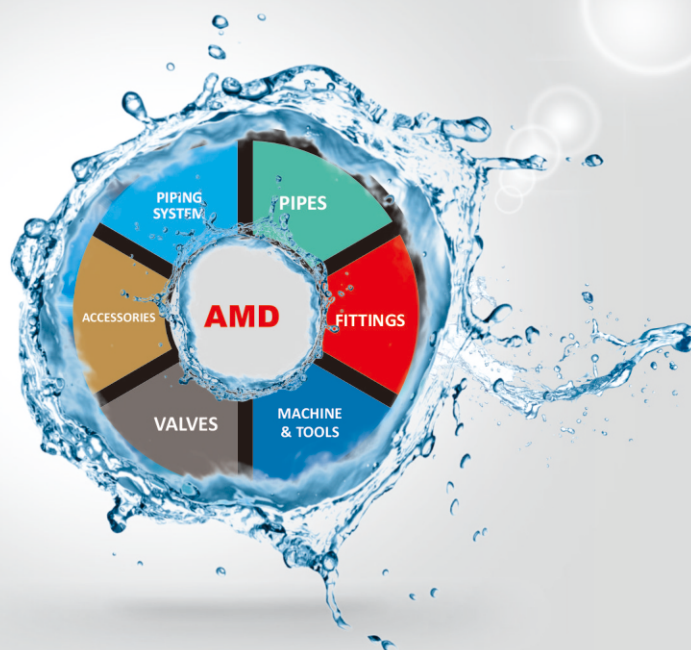
Marine & Mining



Agriculture



Hot & Cold Water



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AMD

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2.1. Pipa PVC-U Standard

Pipa AMD PVC-U Standard adalah pipa yang terbuat dari material Unplasticized Polyvinyl Chloride (PVC-U). adalah jenis material plastik yang kaku dan tidak menggunakan plasticizer (bahan pelentur), sehingga menghasilkan pipa yang tahan lama, kuat, dan tahan terhadap berbagai bahan kimia.

Spesifikasi Teknik

Specific gravity	= 1,40 g/cm ³
Coefficient of linear expansion	= 8×10^{-2} mm/m.°C
Thermal conductivity	= 0,15 W/m.°C
Modulus of elasticity	= 3000 N/mm ²
Surface resistance	> 10^{12} Ohm

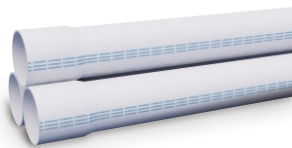
Pipa PVC-U Standard diklarifikasikan menjadi 2 kelas:

1. kelas AW, Dengan 14 macam ukuran diameter dari ½ inch hingga 12 inch.
2. Kelas D, Untuk saluran pembuangan dan limbah dengan 11 macam ukuran diameter dari 1-¼ inch hingga 12 inch.

1. PIPA PVC-U STANDARD AW

Pipa PVC-U AW adalah jenis pipa yang dirancang untuk menahan tekanan yang lebih tinggi (10 kg/cm² atau lebih). Kategori "AW" menunjukkan bahwa pipa ini mampu digunakan untuk aplikasi yang memerlukan daya tahan terhadap tekanan besar, seperti sistem air bersih bertekanan atau jaringan distribusi air.

Pipa PVC-U Standard AW



DN		OD (mm)	Thickness (mm)
inch	mm		
½	16	22	1.50
¾	20	26	1.80
1	25	32	2.00
1-¼	35	42	2.30
1-½	40	48	2.30
2	50	60	2.30
2-½	65	76	2.60
3	75	89	3.10
4	100	114	4.10
5	125	140	5.40
6	150	165	6.40
8	200	216	8.30
10	250	267	10.30
12	300	318	12.20

Aplikasi System

AMD Memproduksi Pipa PVC-U sesuai untuk:

- Saluran air bersih
- Saluran Pembuangan
- Saluran Limbah
- Saluran Irigasi
- Pipa Ventilasi

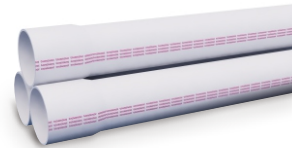
Keunggulan dan Manfaat

- Standar Internasional
- Tahan lama
- Tahan terhadap korosi
- Tahan terhadap bahan kimia
- Kuat dan tahan pecah
- Kedap Air

2. PIPA PVC-U STANDARD D

Pipa PVC-U D dirancang untuk aplikasi yang memerlukan tekanan kerja lebih rendah (5 kg/cm² atau kurang) dibandingkan dengan pipa AW. Kategori "D" menunjukkan pipa ini lebih cocok digunakan untuk aplikasi yang tidak memerlukan tekanan tinggi, seperti sistem drainage dan sewerage (saluran pembuangan limbah).

Pipa PVC-U Standard D



DN		OD (mm)	Thickness (mm)
inch	mm		
1-¼	35	42	1.30
1-½	40	48	1.30
2	50	60	1.30
2-½	65	76	1.40
3	75	89	1.50
4	100	114	2.00
5	125	140	2.60
6	150	165	3.00
8	200	216	4.20
10	250	267	5.20
12	300	318	6.20

* Panjang Standard 4 meter

* Warna Putih

2.2. Pipa PVC-U JIS

PVC-U JIS adalah pipa yang terbuat dari material Unplasticized Polyvinyl Chloride (PVC-U) yang diproduksi sesuai dengan standar Japanese Industrial Standards (JIS). PVC-U adalah jenis material plastik yang kaku dan tidak menggunakan plasticizer (bahan pelentur), sehingga menghasilkan pipa yang tahan lama, kuat, dan tahan terhadap berbagai bahan kimia.

Spesifikasi Teknik

Specific gravity	= 1,40 g/cm ³
Coefficient of linear expansion	= 8×10^{-2} mm/m.°C
Thermal conductivity	= 0,15 W/m.°C
Modulus of elasticity	= 3000 N/mm ²
Surface resistance	> 10^{12} Ohm

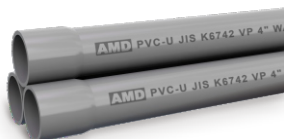
Pipa PVC-U JIS diklasifikasikan menjadi 2 kelas:

1. kelas VP/AW, Dengan 14 macam ukuran diameter dari ½ inch hingga 12 inch.
2. Kelas VU/D, Untuk saluran pembuangan dan limbah dengan 11 macam ukuran diameter dari 1-¼ inch hingga 12 inch.

1. PIPA PVC-U VP/AW

Pipa PVC-U VP/AW adalah jenis pipa yang dirancang untuk menahan tekanan yang lebih tinggi (10 kg/cm² atau lebih). Kategori "AW" menunjukkan bahwa pipa ini mampu digunakan untuk aplikasi yang memerlukan daya tahan terhadap tekanan besar, seperti sistem air bersih bertekanan atau jaringan distribusi air.

Pipa PVC-U JIS VP/AW



DN		OD (mm)	Thickness (mm)
inch	mm		
½	16	22	2.70
¾	20	26	2.70
1	25	32	3.10
1-¼	35	42	3.10
1-½	40	48	3.60
2	50	60	4.10
2-½	65	76	4.10
3	75	89	5.50
4	100	114	6.60
5	125	140	7.00
6	150	165	8.90
8	200	216	10.30
10	250	267	12.70
12	300	318	15.10

Aplikasi Sistem

AMD Memproduksi Pipa PVC-U sesuai untuk:

- Saluran air bersih
- Saluran Limbah
- Saluran Irigasi
- Pipa Ventilasi

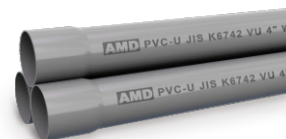
Keunggulan dan Manfaat

- Standar JIS
- Tahan terhadap korosi
- Kuat dan tahan pecah
- Kedap Air
- Dapat didaur Ulang
- Tahan lama
- Tahan terhadap bahan kimia

2. PIPA PVC-U VP/D

Pipa PVC-U VP/D dirancang untuk aplikasi yang memerlukan tekanan kerja lebih rendah (5 kg/cm² atau kurang) dibandingkan dengan pipa AW. Kategori "D" menunjukkan pipa ini lebih cocok digunakan untuk aplikasi yang tidak memerlukan tekanan tinggi, seperti sistem drainage dan sewerage (saluran pembuangan limbah).

Pipa PVC-U JIS VU/D



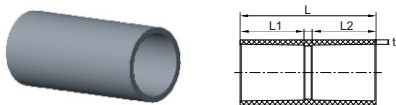
DN		OD (mm)	Thickness (mm)
inch	mm		
1-½	40	48	1.80
2	50	60	1.80
2-½	65	76	2.20
3	75	89	2.70
4	100	114	3.10
5	125	140	4.10
6	150	165	5.10
8	200	216	6.10
10	250	267	7.80
12	300	318	9.20

* Panjang Standard 4 meter

* Warna Abu-abu

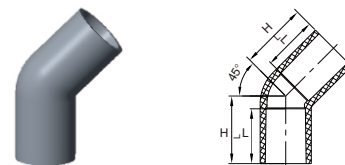
2.3. Fitting PVC-U JIS (AW)

Socket (AW)



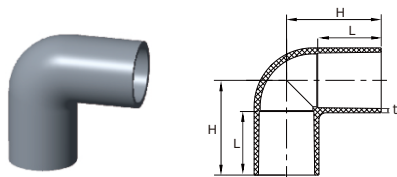
SIZE		L1/L2	L	t
inch	mm			
1/2	16	30	65	3.5
3/4	20	35	77	3.5
1	28	40	87	3.5
1-1/4	35	44	95	4.0
1 1/2	45	55	117	4.0
2	50	63	133	5.0
2-1/2	65	69	147	5.0
3	80	72	155	6.0
4	100	92	200	7.5
5	125	112	235	7.5
6	150	140	300	9.0
8	200	172	350	10.0
10	250	185	400	12.0
12	300	258	577	12.5

Elbow 45° (AW)



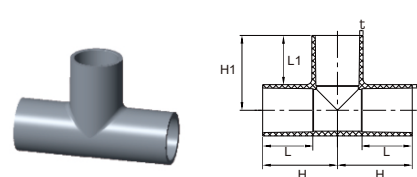
SIZE		L	H
inch	mm		
1-1/2	40	55	69
2	50	63	80
2-1/2	65	69	90
3	80	72	96
3-1/2	90	80	105
4	100	92	121
5	125	112	150
6	150	140	185
8	200	172	224
10	250	185	248
12	300	260	380

Elbow 90° (AW)



SIZE		L	H	t
inch	mm			
1/2	16	30	43	3.5
3/4	20	35	50	3.5
1	28	40	60	3.5
1-1/4	35	44	68	4.0
1 1/2	45	55	82	4.5
2	50	63	96	5.0
2-1/2	65	69	110	5.0
3	80	72	120	6.0
4	100	92	152	7.5
5	125	112	188	8.0
6	150	140	228	9.0
8	200	172	288	10.5
10	250	185	326	16
12	300	260	450	20

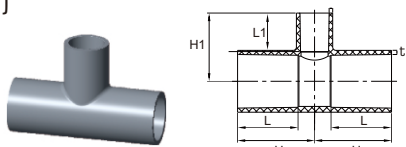
Tee (AW)



SIZE		L	L1	H	H1	t
inch	mm					
1/2	16	30	30	43	43	4
3/4	20	35	35	35	35	4
1	28	40	40	40	40	4
1-1/4	35	44	44	68	68	3.5
1 1/2	45	55	55	82	82	4
2	50	63	63	96	96	5
2-1/2	65	69	69	110	110	5
3	80	72	72	120	120	6
4	100	92	92	152	152	7
5	125	112	112	188	188	7.5
6	150	140	140	228	228	7
8	200	172	172	287	287	10
10	250	185	185	325	325	11

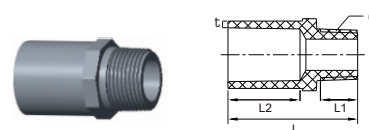
2.3. Fitting PVC-U JIS (AW)

Reducing Tee (AW)



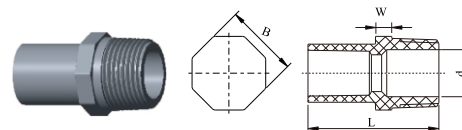
SIZE		L	L1	H	H1	t
inch	mm					
3/4 x 1/2	20x16	35	30	48	45	4
1 x 1/2	28x16	40	30	53	49	4
1 x 3/4	28x20	40	35	55	54	4
1-1/4 x 1/2	35x16	44	30	57	53	3.5
1-1/4 x 3/4	35x20	44	35	59	58	3.5
1-1/4 x 1	35x28	44	40	64	63	3.5
1-1/2 x 1/2	40x16	55	30	68	56	4
1-1/2 x 3/4	40x20	55	35	70	62	4
1-1/2 x 1	40x28	55	40	75	67	4
1-1/2 x 1-1/4	40x35	55	44	79	71	4
2 x 1/2	50x16	63	30	76	64	5
2 x 3/4	50x20	63	35	78	68	5
2 x 1	50x28	63	40	82	74	5
2 x 1-1/4	50x35	63	44	86	77	5
2 x 1-1/2	50x40	63	55	90	88	5
2-1/2 x 1-1/2	65x40	69	55	96	96	5
2-1/2 x 2	65x50	69	63	102	104	5
3 x 3/4	80x20	72	35	90	82	6
3 x 1	80x28	72	40	94	87	6
3 x 1-1/2	80x40	72	55	100	102	6
3 x 2	80x50	72	63	105	110	6
3 x 2-1/2	80x65	72	69	113	117	6
4 x 1-1/2	100x40	92	55	120	115	7
4 x 2	100x50	92	63	125	122	7
4 x 2-1/2	100x65	92	69	136	134	7
4 x 3	100x80	92	72	140	132	7
5 x 3	125x80	112	72	160	148	7.5
5 x 4	125x100	112	92	174	168	7.5
6 x 2	150x50	140	63	175	153	7
6 x 2-1/2	150x65	140	69	183	160	7
6 x 3	150x80	140	72	193	160	7
6 x 4	150x100	140	92	202	182	7
6 x 5	150x125	140	112	214.5	200	7
8 x 4	200x100	172	92	236.5	204	9.5
8 x 6	200x150	172	140	264	252	10
10 x 6	250x150	185	140	271.5	279	11
10 x 8	250x200	185	172			11

Valve Socket (AW)



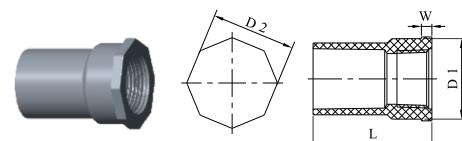
SIZE		L2	THREAD		L	t
inch	mm		d	L1		
1/2	16	30	PT1/2	15	26	4
3/4	20	35	PT3/4	17	64	4
1	28	40	Pt1	19	71	4
1-1/4	35	44	PT1-1/4	22	80	4
1-1/2	40	55	PT1-1/2	22	92	5
2	50	63	PT2	26	106	5
2-1/2	65	70	PT2-1/2	30	120	5
3	80	72	PT3	33	126	5.5
4	100	92	PT4	40	146	7

Reducer Valve (AW)



SIZE (mm)	L	W	d	B
3/4 x 1/2	59	6	13	34
1/2 x 1	63	8	23	36
3/4 x 1	64	8	23	36

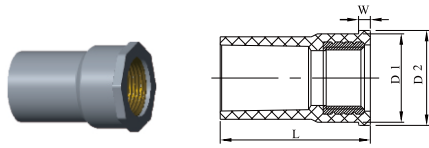
Faucet Socket (AW)



SIZE (mm)	L	W	D1	D2
1/2	51	5	30	30
3/4	59	4.5	37	39
1	68	6	46	48
1-1/4	72	3	53	53
1-1/2	84	10	58	58
2	99	12	73	73

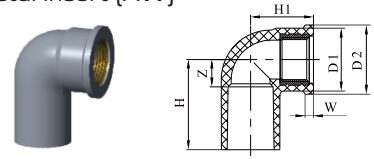
2.3. Fitting PVC-U JIS (AW)

Faucet Socket With metal Insert (AW)



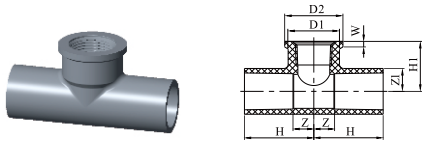
SIZE (mm)	L	W	D1	D2
1/2	51	4	22.5	30
3/4	59	4.5	28	38.5
3/4 x 1/2	57	4	22.5	30

Faucet Elbow With Metal Insert (AW)



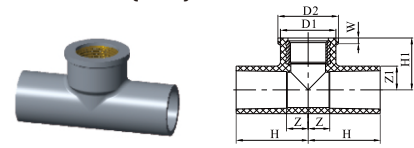
SIZE (mm)	Z	W	H	H1	D1	D2
1/2	13	4	43	30	33	240
3/4	15	4	50	36	42	120
3/4 x 1/2	12	4	47	34	33	180

Faucet Tee (AW)



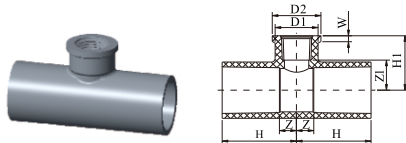
SIZE (mm)	Z	Z1	W	H	H1	D1	D2
1/2	10	15	2	43	32	30	34
3/4	15	17	2.5	50	36	37	42

Faucet Tee With metal Insert (AW)



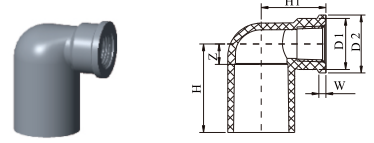
SIZE (mm)	Z	Z1	W	H	H1	D1	D2
1/2	13	14	4	43	30	30	33
3/4	15	18	4	50	36	38.5	42
3/4 x 1/2	12	18	4	47	34	30	33

Faucet Tee (AW)



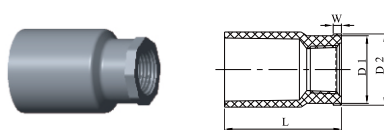
SIZE (mm)	Z	Z1	W	H	H1	D1	D2
3/4 x 1/2	12	17	2	47	34	30	34
1 x 1/2	12	21	2	52	38	30	34

Faucet Elbow (AW)



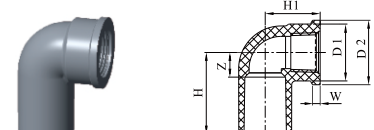
SIZE (mm)	Z	W	H	H1	D1	D2
3/4 x 1/2	12	2	47	34	30	34
1 x 1/2	12	2	52	38	30	34

Faucet Socket (AW)



SIZE (mm)	L	W	D1	D2
3/4 x 1/2	55	2	22.5	30
1 x 1/2	63	2	22.5	30
1/2 x 1	60	6	34.5	46
3/4 x 1	64	6	35.5	46

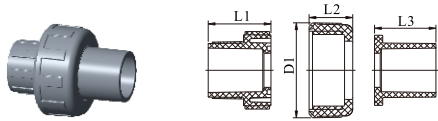
Faucet Elbow (AW)



SIZE (mm)	Z	W	H	H1	D1	D2
1/2	13	4	43	30	30	34
3/4	15	4	50	36	37	42
1	21	5	61	43	46	50

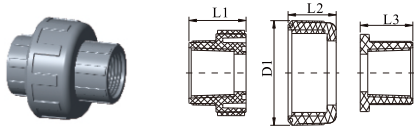
2.3. Fitting PVC-U JIS (AW)

Union Socket (AW)



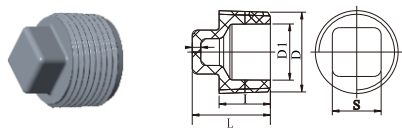
SIZE (mm)	L1	L2	L3	D1
3/4 x 1/2	35	28	34	56
1 x 1/2	41	30	39	62
1 x 3/4	46	32	45	69.5
1-1/4 x 1/2	53	36	53	84.4
1-1/4 x 3/4	63	39	63	96.4

Union Threaded (AW)



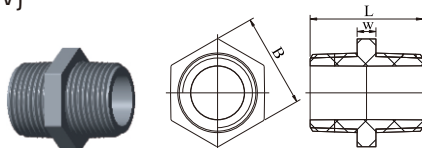
SIZE (mm)	L1	L2	L3	D1
1/2	32.5	28	31	56
3/4	33	30	30	62
1	38	32	35	69.5
1-1/4	42	36	37	84.4
1-1/2	48	39	41	96.4

Plug (AW)



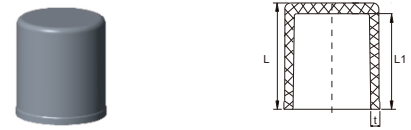
SIZE (mm)	L	I	D	D1
1/2	25.5	16.6	R1/2	13
3/4	28	18.7	R3/4	18
1	32	21	R1	23

Double Nipple (AW)



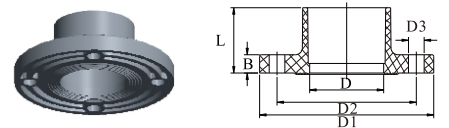
SIZE (mm)	L	W	B
1/2	38	6	24
3/4	42	8	33
1	48	8	40

Cap (AW)



SIZE		L1	L	t
inch	mm			
1/2	16	30	34.5	3.5
3/4	20	35	39.5	3.5
1	28	40	45	3.5
1-1/4	35	44	49	4.0
1-1/2	45	55	59.5	4.5
2	50	63	68	5.0
2-1/2	65	69	100	5.0
3	80	72	107	6.0
4	100	92	138	7.5
5	125	112	168	8.5
6	150	140	205	9.0
8	200	172	260	10.5
10	250	187	252	12.0
12	300	256	261	12.5

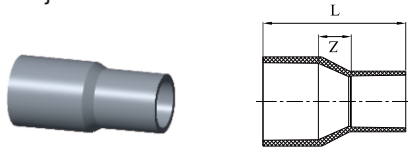
Flange PVC (AW)



SIZE (mm)	L	B	D	D1	D2	D3
2	70	16	55	155	120	18
3	75	21	85	200	160	18
4	95	22	107	212	180	18
6	144	23	154	285	240	22

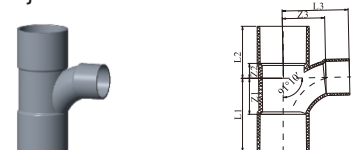
2.3. Fitting PVC-U JIS

Reducing Socket (AW)



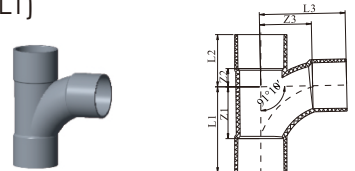
SIZE (mm)	L	Z
3/4 x 1/2	71	6
1 x 1/2	84	14
1 x 3/4	84	9
1-1/4 x 1/2	99	23.5
1 1/4 x 3/4	93	12.5
1 1/4 x 1	93	7.5
1 1/2 x 1/2	110	25
1 1/2 x 3/4	114	24
1 1/2 x 1	114	19
1 1/2 x 1-3/4	114	13.5
2 x 1/2	136	43
2 x 3/4	136	37
2 x 1	136	30
2 x 1-1/4	125	16
2 x 1-1/2	136	15
3 x 2	165	35
4 x 1-1/2	199	57
4 x 2	182	32
4 x 2	190	42
6 x 3	275	79
6 x 4	295	79

Large Radius Tee (AW-LT)



SIZE (mm)	L1	L2	L3	Z1	Z2	Z3
4 X 2	150	116	153	66	32	90
6 X 4	260	185	236	128	53	152

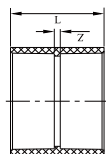
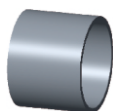
Large Radius Tee (AW-LT)



SIZE (mm)	L1	L2	L3	Z1	Z2	Z3
4	341	129	212	128	45	128

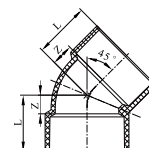
2.4. Fitting PVC-U JIS (D)

Socket (D-DS)



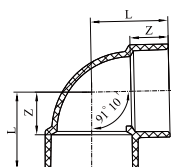
SIZE (mm)	L	Z
1-¼	39	3
1-½	47	3
2	53	3
2-½	73	3
3	84	4
4	104	4
6	164	4

Elbow 45° (D-45L)



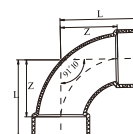
SIZE (mm)	L	Z
1-¼	30	12
1-½	36	14
2	43	18
2-½	57	22
3	65	25
4	80	30
6	124	44

Elbow (D-DT)



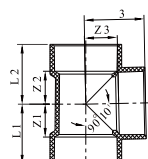
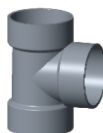
SIZE (mm)	L	Z
1-¼	44	26
1-½	49	27
2	58	33
2-½	77	42
3	88	48
4	112	62
6	168	88

Elbow 45° (D-45L)



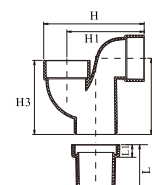
SIZE (mm)	L	Z
1-¼	63	45
2	91	66
3	140	100
4	178	128
6	250	170

Tee (D-DT)



SIZE (mm)	L1	L2	L3	Z1	Z2	Z3
1-¼	40	40	40	22	22	19.3
1-½	49	49	49	27	27	24.3
2	59	59	59	34	34	30.9
2-½	77	78	77	42	43	38.9
3	88	89	88	48	49	44.4
4	112	113	112	62	63	57.5
6	169	170	169	89	90	82.7

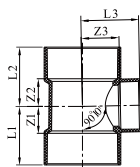
P-Trap (D)



SIZE (mm)	L	L1	H	H1	H2	H3
2	68.5	18.2	145.2	111.7	110	107

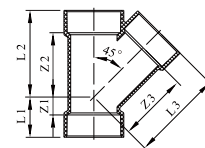
2.4. Fitting PVC-U JIS (D)

Tee (D-DT)



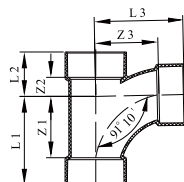
SIZE (mm)	L1	L2	L3	Z1	Z2	Z3
3 x 1-1/2	67	68	70	27	28	48
3 x 2	74	75	73	34	35	48
3 x 2-1/2	82	83	83	42	43	48
4 x 2	84	85	87	34	35	62
4 x 3	98	99	102	48	49	62
6 x 4	142	144	138	62	64	88

Y Branch PVC (D)



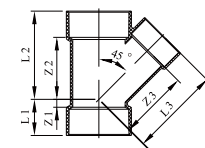
SIZE (mm)	L1	L2	L3	Z1	Z2	Z3
2	43	101	101	18	76	76
3	64	151.5	151.5	24	111.5	111.5
4	80	192.5	192.5	30	142.5	142.5
6	124	284	290	44	204	290
1-1/2	34	80	84	12	58	62

Large Radius Tee (D-LT)



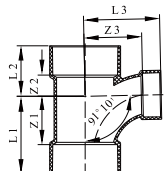
SIZE (mm)	L1	L2	L3	Z1	Z2	Z3
1-1/2	74	45	74	52	23	52
2	91	51	91	66	26	66
2-1/2	125	68	125	90	33	90
3	140	70	140	100	30	100
4	178	95	178	128	45	128
6	250	145	250	170	65	170

Y Branch PVC (D)



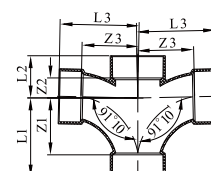
SIZE (mm)	L1	L2	L3	Z1	Z2	Z3
1-1/2 x 1-1/4	30	76	79	8	54	57
2 x 1-1/4	28	86	87	3	61	69
3 x 2	43	126	123	3	86	98
4 x 2	42	148	143	8	95	118
4 x 3	69	168	172	19	118	132
6 x 4	84	245	235	6	165	185

Large Radius Tee (D-LT)



SIZE (mm)	L1	L2	L3	Z1	Z2	Z3
1-1/2 x 1-1/4	59	42	60	37	20	42
2 x 1-1/2	77	48	79	52	23	57
2-1/2 x 1-1/2	57	59	88	52	24	66
2-1/2 x 2	101	62	99	66	27	74
3 x 2	106	69	104	66	29	79
3 x 2-1/2	130	72	130	90	32	95
4 x 2	116	82	115	66	32	90
4 x 3	150	83	150	100	33	110
6 x 4	208	133	202	128	53	152

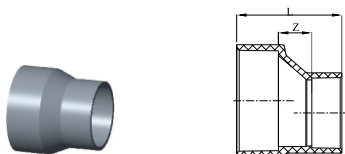
Large Radius Double Tee (D-WLT)



SIZE (mm)	L1	L2	L3	Z1	Z2	Z3
2 x 2	90	51	91	66	26	63.73
3 x 2	106	69	106	66	29	79
4 x 4	178	95	178	128	45	124.04

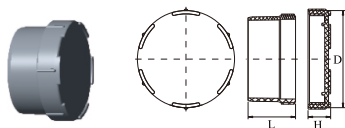
2.4. Fitting PVC-U JIS (D)

In increaser (D-IN)



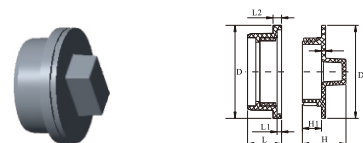
SIZE (mm)	L	Z
1-1/2 x 1-1/4	60	20
2 x 1-1/4	63	20
2 x 1-1/2	67	20
2-1/2 x 1-1/2	77	20
2-1/2 x 2	80	20
3 x 1-1/2	87	25
3 x 2	90	25
3 x 2-1/2	100	25
4 x 2	105	30
4 x 2-1/2	115	30
4 x 3	120	30
6 x 3	161	41
6 x 4	170	40

Cleaningout With Cap (D)



SIZE (mm)	L	H	D
4	64	30.5	135

Cleaningout With Plug (D)



SIZE (mm)	L	L1	L2	H	H1	D	D1
2	26.7	3.5	6.7	34.2	15	73	73
3	39.1	3.5	7.1	42.5	20.5	102.5	102.5
4	49	3.5	8	53	28.5	128	128

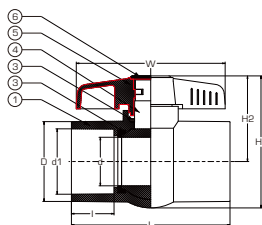
Cap (D)



SIZE (mm)	L
1-1/4	20.7
1-1/2	24.7
2	28.1
3	43.6
4	54.5

2.5. Valve PVC

Ball Valve PVC Compact

**Part**

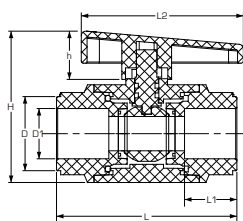
1. Handle
2. Seat Seal
3. O-Ring
4. Ball
5. Seat Ball
6. Cap

Material

PP, PVC, ABS
TPE, TPV
EPDM, NBR
PP, PVC
TPE, TPV
PVC

DN	SIZE	d1				NBR	d	D	L	I	W	H1	H2
		JIS	BS	ANSI	DIN								
15	1/2	22	22	22.34	20	20	14.5	32	80	22	68.5	64.3	44.9
20	3/4	26	26	26.67	25	25	20	36.8	92	25	80.5	76	52
25	1	32	34	33.4	32	32	24	45	106	28	100	94	65
32	1-1/4	38	42	42.16	40	40	30	53.5	112.5	28	108	103	70
40	1-1/2	48	48	48.26	50	50	34	62	129	33	108	112	73.5
50	2	60	60	60.33	63	63	44	75.5	148	39.5	138	126	81
65	2-1/2	76	76	73	75	75	56	92.5	177.5	39.5	92.5	166	108.5
80	3	89	89	88.9	90	85	71	107	209	48	192.5	181	116
100	4	114	114	114.3	110	110	86	134.5	294	78	262	236	151.5
150	6	-	-	168.8	160	-	130.4	185.4	407	102.7	301.9	299.5	181.2

Ball Valve PVC Three PCS

**Part**

1. Handle
2. Seat Seal
3. O-Ring
4. Ball
5. Seat Ball
6. Cap

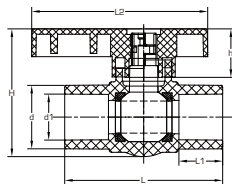
Material

PP, PVC, ABS
TPE, TPV
EPDM, NBR
PP, PVC
TPE, TPV
PVC

SIZE	d	d1	L	L1	H	h
1/2	32	21.7	77.9	22.6	65.3	20.8
3/4	36	26.9	106.2	31.2	76	24.2
1	43	33.6	116.5	35	83.4	23.9
1-1/4	53	40.4	127	35	101.4	29.2
1-1/2	61.7	50.41	132.4	35.5	119.5	33.8
2	74.7	63.4	147.8	37.8	135.9	33.8

2.5. Valve PVC

Ball Valve PVC Octangle

**Part**

1. Handle
2. Seat Seal
3. O-Ring
4. Ball
5. Seat Ball
6. Cap

Material

PP, PVC, ABS
TPE, TPV
EPDM, NBR
PP, PVC
TPE, TPV
PVC

DN	SIZE	d	d1	L	L1	H	h
15	1/2	29.7	21.5	74	20.5	59.8	22.7
20	3/4	36.2	26.9	78	21	71.6	27.1
25	1	42.4	33.7	88	22	82.9	28.5
32	1-1/4	53	42.5	105	26	97.6	30.8
40	1-1/2	60	48.6	124	32	108	32.5
50	2	74	60.5	143	37	129.8	40

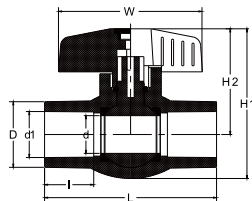
Ball Valve PVC Octangle Type II



DN	SIZE	d	d1	L	L1	H	h
15	1/2	29.7	21.5	74	20.5	59.8	22.7
20	3/4	36.2	26.9	78	21	71.6	27.1
25	1	42.4	33.7	88	22	82.9	28.5
32	1-1/4	53	42.5	105	26	97.6	30.8
40	1-1/2	60	48.6	124	32	108	32.5
50	2	74	60.5	143	37	129.8	40

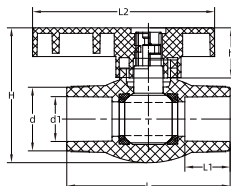
2.5. Valve PVC

Ball Valve PVC Compact Type II



DN	SIZE	D	D1	d	L	I	W	H1	H2
15	1/2	24	15.9	12.4	68.5	19	60	58	40.7
20	3/4	32	22.2	18.4	84	24	70.2	73	51.6
25	1	38.4	28.6	20.5	91	25	79	77	52.3
32	1-1/4	45.8	34.9	25	105.5	28.5	100	93.5	65.2
40	1-1/2	53.5	41.3	30.6	121	33.5	108	104.8	72.3
50	2	68.4	54	41	149	43.5	130	122	82

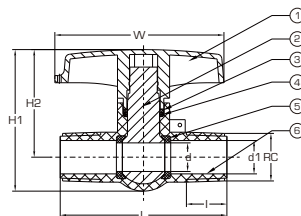
Ball Valve PVC Compact Luxury



DN	SIZE	d	d1	L	L1	L2	H	h
15	1/2	28.8	20.3	74	20.5	82.5	61.1	22.7
20	3/4	35	25.3	78	21	89.5	72	27.1
25	1	42.5	33.6	88	22	102.9	92.2	28.5
32	1-1/4	53	40	105	26	123	97.3	30.9
40	1-1/2	61	50	124	32	148	109.1	32.5
50	2	74	63.5	143	37	148	130.8	40

2.5. Valve PVC

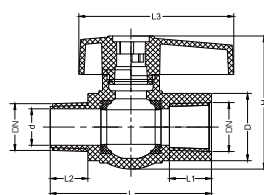
Ball Valve PVC Compact M/M



Part	Material
1. Handle	ABS
2. Stem	PVC-U
3. Seal Seat	PE
4. O-Ring	NBR
5. O-Ring	PE
6. Body	PVC-U

DN	SIZE	RC	d	d1	L	I	W	H1	H2
15	1/2	1/2	12	14	70	17	71	60	45
20	3/4	3/4	16	18	75	17	71	67	47

Ball Valve PVC Compact M/F

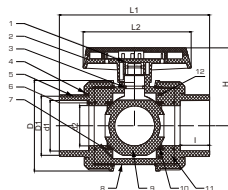


Part	Material
1. Handle	PVC
2. Nail	SS 304
3. Nail	PP
4. Stem O-Ring	EPDM
5. Body	PVC
6. Seal Seat	TPE

DN	SIZE	D	d	L	L1	L2	L3	H
15	1/2	28.8	15.6	69	18	16.1	66.3	57
20	3/4	34.5	21	80	20	18	79.7	67.6
25	1	42.1	26.8	93.3	25.3	23	89.7	79.3
32	1-1/4	52.1	33.5	107	27	25.5	101.4	91.7
40	1-1/2	59.5	39.5	123.7	30	28	117.7	101.8
50	2	72.3	50	151	35	30	135.1	122.64

2.5. Valve PVC

Ball Valve PVC True Union



Part

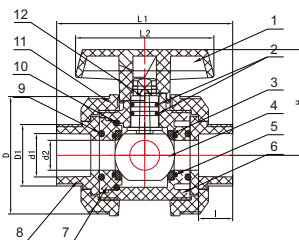
1. Stem
2. Handle
3. Stem O-Ring
4. Union Nut
5. End Connector
6. Body O-Ring
7. O-Ring
8. Body
9. Ball
10. Seat Seal
11. Seat Carrier
12. Carrier O-Ring

Material

CPVC
ABS
EPDM
CPVC
CPVC
EPDM
EPDM
CPVC
CPVC
PTFE
CPVC
EPDM

DN	SIZE	d1	d2	D	D1	I	L1	L2	H
15	1/2	20	14	51.2	27.6	20.6	112.5	65	50.5
20	3/4	25	18.7	65.5	35.6	24.6	130.2	75	58.5
25	1	32	24	73.7	41.6	28	142.5	85	65.7
32	1-1/4	40	32	86.6	52	31	161	97	76.5
40	1-1/2	50	40	102	59.5	31.5	166.5	110	86
50	2	63	50	120	75	40	214	133.5	101.5
65	2-1/2	75	60	135	87.5	40	228	161	112.5
80	3	90	79	188	107.5	48	269	200	160.5
100	4	110	99	216	132	56	309	240	173.5

Ball Valve PVC True Union Type II



Part

1. Handle
2. Stem O-Ring
3. Seat Seal
4. Ball
5. O-Ring
6. Body
7. Seat Carrier
8. End Connector
9. O-Ring
10. O-Ring
11. Union Nut
12. Stem

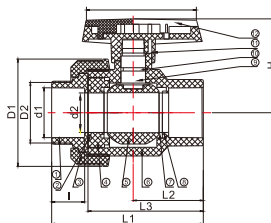
Material

ABS
NBR
PE
PVC-U
NBR
PVC-U
PVC-U
PVC-U
NBR
NBR
PVC-U
PVC-U

DN	SIZE	d1				d2	D	D1	H	I	L1	L2
		JIS	BS	ANSI	DIN							
15	1/2	22	22	21.34	20	14	55	26	49.50	16	82.50	65
20	3/4	26	26	26.67	25	18	60	36	54.50	19	92	80
25	1	32	34	33.40	32	25	69	44	62	22.50	107	85
32	1-1/4	38	48	42.16	40	32	81.50	56	74	26	120	97
40	1-1/2	48	48	48.26	50	40	93	63	85	31.50	144	116
50	2	60	60	60.33	63	50	111	78	100	38.50	172	134

2.5. Valve PVC

Ball Valve PVC Single Union

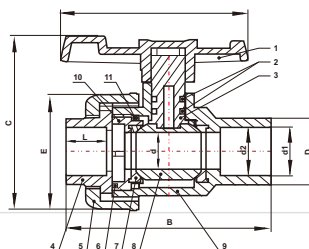


Part	Material
1. End Connection	CPVC
2. Carrier O-Ring	EPDM
3. Union Nut	CPVC
4. Seal Carrier	CPVC
5. Ball	CPVC
6. Body	CPVC
7. Seat Seal	PTFE
8. O-Ring	EPDM
9. Stem	CPVC
10. Stem O-Ring	EPDM
11. Handle	ABS

DN	SIZE	d1	d2	D1	D2	I	L1	L2	L3	L4	H
15	1/2	20	14	51.3	27.6	20.6	95.8	25.3	67.3	65	49.5
20	3/4	25	18.7	65.5	35.2	25	111.4	32.4	78.3	74.9	56.5
25	1	32	24	73.7	41.6	27.9	121.5	49.5	85.9	85	65
32	1-1/4	40	32	86.6	49	27	130	57	99	97.1	76.5
40	1-1/2	50	40	102	60.8	34.5	157.5	69	113.5	109.7	86.5
50	2	63	50	120	74.5	40	190	81	136.5	190	102
65	2-1/2	75	60	135	89	40	210	95.9	156	161	113.5
80	3	90	79	188	107.5	48	254.6	120.9	196.5	199.4	161.5
100	4	110	99	215.5	132	56	294	140.7	225	240	174

Ball Valve PVC Single Union Type II

A

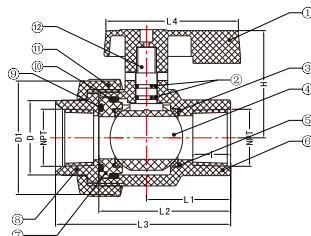


Part	Material
1. Handle	U-PVC
2. Stem O-Ring	NBR / EPDM
3. Stem	U-PVC
4. End Connector	U-PVC
5. Union Nut	U-PVC
6. Carrier O-Ring	NBR / EPDM
7. Seat Seal	TPV
8. Ball	U-PVC
9. Body	U-PVC
10. O-Ring	NBR / EPDM
11. Seat Carrier	U-PVC

DN	SIZE	DIN		ANSI		JIS		BS		B	D	d	L	C	A
		d2	d3	d2	d3	d2	d3	d2	d3						
15	1/2	19.8	20.3	21.23	21.54	21.70	22.3	21.3	21.5	75.3	28.8	15	16	77.5	68
20	3/4	24.8	25.4	26.57	26.87	25.70	26.3	26.7	26.9	86.5	35.2	20	19	88.5	76
25	1	31.7	32.3	33.27	33.65	31.67	32.33	33.5	33.7	98.4	42.8	25	22	102	87
32	1-1/4	39.7	40.4	42.04	42.42	37.57	38.43	42	42.2	114.8	51.8	30	26	116	102
40	1-1/2	49.7	50.4	48.11	48.56	47.54	48.46	48.2	48.4	137	61.8	39	32	135.5	119
50	2	62.7	63.4	60.17	60.63	59.44	60.56	60.3	60.5	165	75.3	49	38	164	145
65	2-1/2	74.6	75.5	72.85	73.38	75.87	76.6	75.1	75.3	193	89.2	60	41	192	178
80	3	89.6	90.5	88.7	89.31	88.83	89.6	88.8	89.1	229.5	106.4	76	51	227	209
100	4	109.5	110.6	114.07	114.76	113.98	114.7	114.2	114.5	271	130.7	96	60	217.5	248

2.5. Valve PVC

Ball Valve PVC Single Union Type III

**Part**

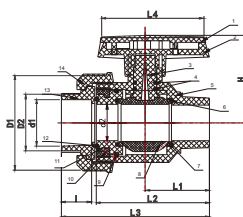
1. Handle
2. Stem O-Ring
3. Seat Seal
4. Ball
5. O-Ring
6. Body
7. Seat Carrier
8. End Connector
9. Seat Carrier Flat O-Ring
10. Seat Carrier O-Ring
11. Orion Nut
12. Atom

Material

PVC-U
NBR
PTFE
PVC-U
NBR
PVC-U
PVC-U
PVC-U
NBR
NBR
PVC-U
PVC-U

DN	d	D	D1	I	L1	L2	L3	L4	H
15	1/2	29	49	18	38	58	80	57	50
20	3/4	35	60	18	41.9	66	88	64	49.7
25	1	43.2	66	22	49	76.7	101.9	77.2	62.3
32	1-1/4	51	81	29	59	93	125	91	75
40	1-1/2	60	94	31.5	63.2	99.2	133.2	100	81.5
50	2	74	111	38	82.4	124.7	165.7	117.6	92.4
80	3	107.5	178	56	108.4	172	229.3	173	138.6
100	4	131	210	66.2	135	212.4	281.1	224	151.65

Ball Valve PVC Single Union Male

**Part**

1. Cover
2. Handle
3. Stem
4. Stem O-Ring
5. Body
6. O-Ring
7. Seat Seal
8. Ball
9. O-Ring
10. Seal
11. Seal Carrier
12. O-Ring
13. End Connector
14. Union Nut

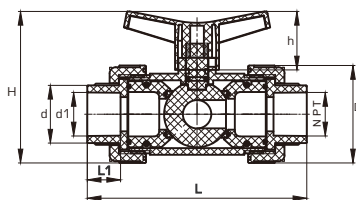
Material

PVC-U
ABS
PVC-U
EPDM
PVC-U
EPDM
PTFE
PVC-U
EPDM
PVC-U
PVC-U
EPDM
PVC-U
PVC-U

DN	SIZE	D1	D2	d1	d2	L1	L2	L3	L4	H	I
15	1/2	47.8	26.4	20.3	14	40	67	88.5	59.2	49.8	17
20	3/4	58.8	31.3	25.3	19	43	78	101.5	68.3	57.3	20
25	1	68	38	32.4	32	50	86	112	78.3	64.4	23.4
32	1-1/4	82.4	49	40.4	32.5	56.4	99.3	129.7	89.5	76	26.6
40	1-1/2	94.6	59.5	50.4	40	68.2	115	151.8	101.3	86.6	31.5
50	2	113	73.9	63.4	49.7	78	134	179	124.4	101	38.5
65	2-1/2	128	87.8	67	59.5	90	151.8	203.8	149.9	113.1	44
80	3	181	107.4	90.4	80	120.9	196	254.7	191.6	160	52
100	4	204	132.2	106.5	96	139.5	224.5	295.8	191.6	230.3	62

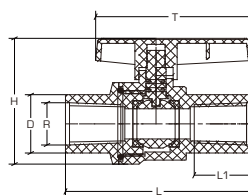
2.5. Valve PVC

Ball Valve PVC 3 Ways



DN	SIZE	d	d1	D	L	L1	H	h	NPT
25	1	33.6	25.3	56.7	127.8	19.4	88.2	34	34
32	1-1/4	41.5	32.4	67	146.8	22	102.8	37.31	37.31
40	1-1/2	51.8	40.4	80.8	172	26.2	114.8	38.6	38.6
50	2	62.7	50.5	102.4	208	32.4	148.4	49.2	49.2

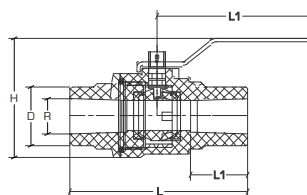
Ball Valve Two PVC



DN	SIZE R	d1				D	L	L1	H	T
		JIS	BS	ANSI	DIN					
15	1/2	22	22	21.34	20	30	93	28	63.7	79
20	3/4	26	26	26.67	25	33.2	95.6	25	68.5	79
25	1	32	34	33.4	32	41	114.4	28	81	85
32	1-1/4	38	42	42.16	40	51.5	127.6	31	93.6	92
40	1-1/2	48	48	48.26	50	58	139.5	35	106.3	103
50	2	60	60	60.33	63	74.5	162	42	125.06	118

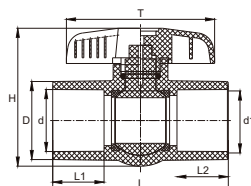
2.5. Valve PVC

Ball Valve PVC Two Pcs
With Stainless Steel Handle



DN	SIZE R	L	L1	D	H	T
20	1/2	87	28	29	58.27	75.8
25	3/4	93.6	27.98	33.2	63.67	80.8
32	1	108.4	31	41	74.97	83.2
40	1-1/4	120.5	35	51.5	90.8	96.4
50	1-1/2	137	39	58	102	111.4
63	2	162	46	74.5	118.85	123
75	2-1/2	197	52.5	91.5	145.62	139.5
90	3	247.5	73.5	104.75	166.25	190.72
110	4	282.39	74	133.97	199.25	208.78

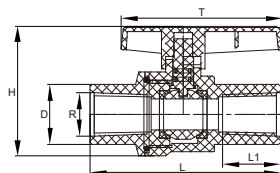
Ball Valve Compact Octagonal



DN	SIZE	d1				L	L1	L2	H	T
		JIS	BS	ANSI	DIN					
15	1/2	22	22	21.34	20	69.8	18.5	18	60.1	65
20	3/4	26	26	26.67	25	79.2	22	22	69.5	71.8
25	1	32	34	33.4	32	94.5	26.2	25	83.7	87.8
32	1-1/4	38	42	42.16	40	106.8	26.8	26	94.5	99.6
40	1-1/2	48	48	48.26	50	122.8	31.2	31	109.7	109.8
50	2	60	60	60.33	63	142.7	34.5	34	129	127.5
65	2-1/2	76	76	73	75	173	41.5	41.5	164.5	180
80	3	89	89	88.9	90	228	65	65	191	196
100	4	114	114	114.3	110	256	65.5	65.5	216	218.5

2.5. Valve PVC

Ball Valve PVC Socket
With Coating ball



DN	SIZE	L	L1	D	H	T
15	1/2	93	28	30	63.7	79
20	3/4	95.6	25	33.2	68.5	79
25	1	114.4	28	41	81	85
32	1-1/4	127.6	31	51.5	93.6	92
40	1-1/2	139.5	35	58	106.3	103
50	2	162	42	74.5	125.06	118

Ball Valve PVC Two PCS Saet

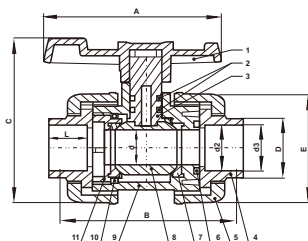


- Main Material PVC
- Size 1/2" To 4"
- Power Manual
- End Connection Socket/Threaded
- Customized Support OEM, ODM
- Standard CNS/JIS/DIN/BS/ANSI/NPT/BSPT
- Certificate ISO9001, SGS, GMC, CNAS
- Use Irrigation Agricultural, Water Supply

DN	L	L1	L2	D	H	D
1/2	93.4	79	31	31.7	64	14.9
3/4	98.6	79	31	37	70.5	19.9
1	114.3	101.2	35	44.8	87.8	24.8
1-1/4	128.9	101.2	38	57.4	99.5	31.6
1-1/2	139.6	131.4	41	63.9	114.8	37.4
2	167.2	131.4	48	79	128.7	46.6

2.5. Valve PVC

Ball Valve PVC Double Union

**Part**

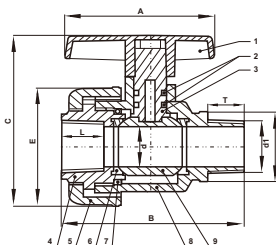
1. Handle
2. Stem O-Ring
3. Stem
4. End Connector
5. Union Nut
6. Carrier O-Ring
7. Seat Seal
8. Ball
9. Body
10. O-Ring
11. Seat Carrier

Material

U-PVC
NBR / EPDM
U-PVC
U-PVC
U-PVC
NBR / EPDM
TPV
U-PVC
U-PVC
NBR / EPDM
U-PVC

DN	SIZE	B	d	D	L	C	A
15	1/2	75.3	15	28.8	16	77.5	68
20	3/4	86.5	20	35.2	19	88.5	76
25	1	98.4	25	42.8	22	102	87
32	1-1/4	114.8	30	51.8	26	116	102
40	1-1/2	137	39	61.8	32	135.5	119
50	2	165	49	75.3	38	164	145
65	2-1/2	193	60	89.2	41	192	178
80	3	229.5	76	106.4	51	227	209
100	4	271	96	130.7	60	217.5	248

Ball Valve PVC Single Union Threaded M/F

**Part**

1. Handle
2. O-Ring
3. Stem
4. End Connector
5. Union Nut
6. Seal Seal
7. O-Ring
8. Body
9. Ball

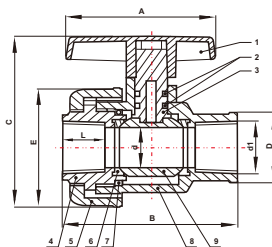
Material

U-PVC
NBR / EPDM
U-PVC
U-PVC
U-PVC
TPE / TPV
NBR / EPDM
U-PVC
U-PVC

SIZE	d	d1	A	B	C	D	E	L
1/2	-	-	-	-	-	-	-	-
3/4	20	26,4	65	78,4	85,7	35	59,4	18
1	25	33,2	73	89,9	100,5	41	68,7	19
1-1/4	30	41,9	84,5	106	111	49,8	78,6	23
1-1/2	39	47,8	93	123	133	59	94,6	24
2	49	59,6	107	144	159,5	72	114,6	28
2-1/2	60	75,2	141	173,5	191,5	89,4	139	33
3	76	87,9	151	201	221,5	103	168	38
4	96	113	175,5	237,5	267.	128,2	205,6	43

2.5. Valve PVC

Ball Valve PVC Single Union Threaded F/F

**Part**

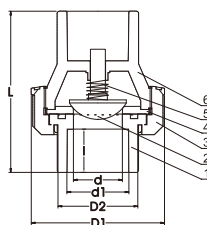
1. Handle
2. O-Ring
3. Stem
4. End Connector
5. Union Nut
6. Seal Seal
7. O-Ring
8. Body
9. Ball

Material

U-PVC
NBR / EPDM
U-PVC
U-PVC
U-PVC
TPE / TPV
NBR / EPDM
U-PVC
U-PVC

SIZE	d	d1	A	B	C	D	E	L
1/2	-	-	-	-	-	-	-	-
3/4	20	26,47	65	76.9	85,7	35	59,4	18
1	25	33,5	73	86.8	100,5	43	68,7	19
1-1/4	30	42.4	84,5	103	111	52	78,6	23
1-1/2	39	48	93	115	133	61	94,6	24
2	49	59.9	107	136.4	159,5	73	114,6	28
2-1/2	60	45.5	141	163	191,5	91.8	139	33
3	76	88.2	151	192	221,5	104	168	38
4	96	113.4	175,5	226	267	130	205,6	43

Spring Check Valve PVC Single Union

**Part**

1. Union Connector
2. Gate
3. Union Nut
4. Space Seal
5. Spring
6. Body

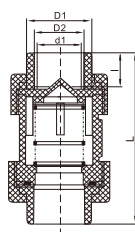
Material

PVC
PVC
PVC
EPDM, FPM (NBR)
Stainless Steel
PVC

Size	DN	D1	D2	d	d1				I	L
					JIS	BS	ANSI	DIN		
1/2	15	51.3	27.5	16	22	22	21.34	20	20.5	80
3/4	20	65.5	35.5	19	26	26	26.67	25	22	86.5
1	25	73.7	41.5	24	32	34	33.4	32	28	96
1-1/4	32	86.8	51.6	32	38	42	42.16	40	30.2	105
1-1/2	40	102	60.9	40	48	48	48.26	50	34.7	115.5
2	50	119.8	75	49.8	60	60	60.33	63	40	141

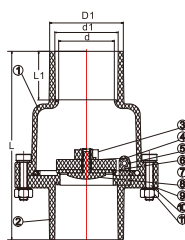
2.5. Valve PVC

Spring Check Valve PVC True Union



SIZE	d	d1	D1	D2	L	L
1/2	16.8	20	48	27.4	17	87.2
3/4	22	25	68	36.2	19.7	114.53
1	26.5	32	68	42	23	129.5
1-1/4	37.1	40	95	52.6	27	151.1
1-1/2	44.6	50	92.8	61.4	32	160.3
2	54.8	63	114.8	77.6	38	193.2
2-1/2	65	75	148	89.4	45	231.4
3	80	90	179	108.5	58	270
4	80	110	179	132.5	63.5	281.8

Swing Check Valve PVC



Part

1. Exit Body
2. Entrance Body
3. Gate Nut
4. Disk
5. Pin
6. Sheet Gasket
7. O-Ring
8. Sheet Gasket Holder
9. Bolt
10. Washer
11. Nut

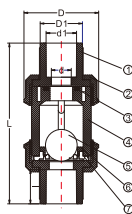
Material

PVC
PVC
PVC
PVC
SUS 304
EPDM, FPM (NBR)
EPDM, FPM (NBR)
PVC
SUS 304
SUS 304
SUS 304

SIZE	DN	D1	d	d1				L	L1	N-Øe
				JIS	BS	ANSI	DIN			
2-1/2	65	89	68.3	76	76	73.03	75	226.2	58	8
3	80	103.6	83	89	89	88.9	90	264.4	73	8
4	100	131.6	101	114	114	114.3	110	358	90	8
6	150	182	147	165	166	168.3	160	422.4	113	12
8	200	182	-	-	-	-	-	424.2	119.5	13

2.5. Valve PVC

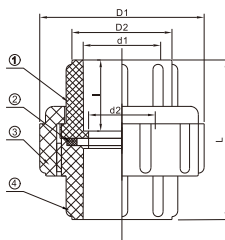
Ball Check Valve PVC True Union



Part	Material
1. End Connector	CPVC
2. Union Nut	CPVC
3. Stem O-Ring	EPDM
4. Body	CPVC
5. Ball	CPVC
6. Gland	CPVC
7. Seat	EPDM

SIZE	DN	D	D1	d	d1				I	L
					JIS	BS	ANSI	DIN		
1/2	15	51.3	27.5	15	22	22	21.34	20	20.5	105
3/4	20	65.5	35	19.5	26	26	26.67	25	25	116.5
1	25	73.7	41.6	25	32	34	33.4	32	28	130.5
1-1/4	32	86.8	51.6	32	38	42	42.16	40	29.5	148.5
1-1/2	40	102	60.9	40	48	48	48.26	50	34	168.5
2	50	119.8	75	50	60	60	60.33	63	40	189

Double Union Socket

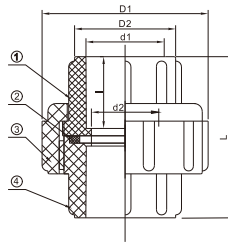


Part	Material
1. End Connector	PVC, CPVC
2. O-Ring	EPDM, FPM (NBR)
3. Union Nut	PVC, CPVC
4. Body	PVC, CPVC

SIZE	DN	D1	D2	d1				d2	I	L
				JIS	BS	ANSI	DIN			
1/2	15	50.6	29.2	22	22	21.34	20	20.5	20.5	48
3/4	20	56.7	34.5	26	26	26.67	25	22	22	53.6
1	25	66.5	42.6	32	34	33.4	32	28	28	63
1-1/4	32	81	52	38	42	42.16	40	30	30	72.6
1-1/2	40	86.8	59	48	48	48.26	50	34.5	34.5	85
2	50	105.8	72.1	60	60	60.33	63	40	40	103
2-1/2	65	129	90	76	76	73.03	75	40	40	109
3	80	145.5	103.5	89	89	88.9	90	48	48	125.5
4	100	175	132.5	114	114	114.3	110	60	60	160
6	150	241.5	189.8	-	-	165.5	157.3	76.7	76.7	187.4

2.5. Valve PVC

Double Union Threaded

**Part**

1. End Connector
2. O-Ring
3. Union Nut
4. Body

Material

PVC, CPVC
EPDM, FPM (NBR)
PVC, CPVC
PVC, CPVC

SIZE	D	D1	D2	H	H
1/2	45	29.2	14	54	21
3/4	55.6	34.5	19	59.1	23
1	65.8	43	24	66.1	29
1-1/4	80.1	51	32	76	31
1-1/2	95.2	61	40	82.2	35
2	109.2	75.6	45	95.8	41

Swing Foot Valve Flange



- Tipe sambungan tunggal, mudah memuat dan membongka muatan. Pasang secara vertikal, mengalir dari bawah ke atas.
- Kolom air terkecil yang disekat adalah 1 meter, dan tidak ada getaran bahkan pada laju aliran tinggi.
- Kualitas Tinggi: Halus, bobot ringan, anti-oksidasi, anti-korosi, anti-karat, harga yang masuk akal.

Material : PVC/UPVC/CPVC/PP

Standar : DIN/BS/ANSI/JIS/CNS

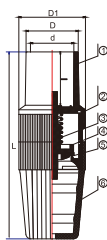
Tekanan : Normal/rendah/tekanan tinggi

Suhu : Suhu Normal

DN	SIZE	L	L1
50	2		
65	2-1/2		
80	3		
100	4		
125	5		
150	6		
200	8		

2.5. Valve PVC

Foot Valve PVC

End Connector
Material

Part

1. Body
2. Connector
3. Spring
4. Gate
5. Seal
6. Body

Thread, Socket
PVC

Material

- PVC
- EPDM, FPM (NBR)
- Stainless Steel
- PVC
- EPDM, FPM (NBR)
- PVC

SIZE	DN	D	D1	d				I	L
				JIS	BS	ANSI	DIN		
1/2	15	31	43.7	22	22	21.34	20	31	137
3/4	20	35.5	43.7	26	26	26.67	25	32.5	141
1	25	41.9	73.7	32	34	33.4	32	32.8	141
1-1/4	32	51	78	38	42	42.16	40	35	195
1-1/2	40	60.3	78	48	48	48.26	50	56	217.4
2	50	72.5	78	60	60	60.33	63	57	217.4
2-1/2	75	90	171.6	76	76	73.03	75	73.5	293.4
3	90	76.4	183.8	89	89	88.9	90	58.2	252
4	110	115	216	114	114	114.3	110	91	360
	125	142.4	232.6	-	-	-	125.6	95	386.47
	140	159	246.5	-	-	-	140.6	105	430
6	160	161	291	165	168.3	168.3	160	120	500

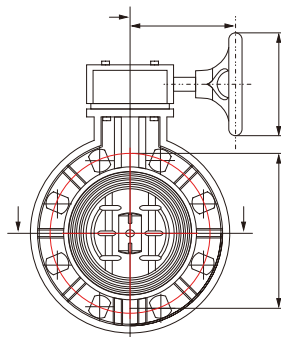
Butterfly Valve PVC Gear



DN	SIZE
90	3
110	4
140	5
160	6
200	8
225	8
315	12

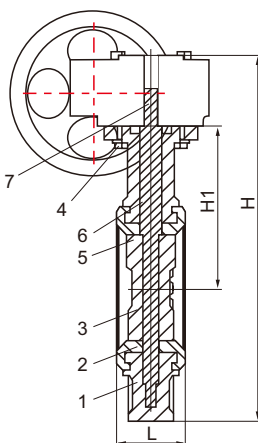
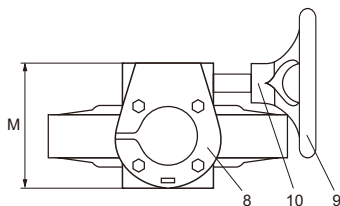
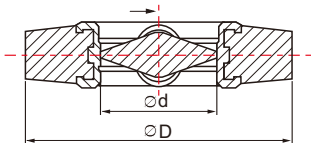
2.5. Valve PVC

Butterfly Valve PVC Gear



**Standard
Pressure**

**DIN/ANSI/JIS
200 PSI**

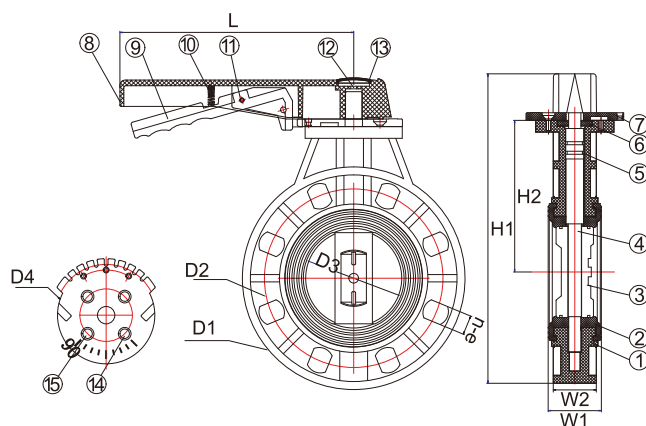
**Part****Material**

1. Body	PVC/CPVC/PPG
2. Seat Seal	EPDM/FPM
3. Disc	PVC/CPVC/PPG
4. Bolt	SS 304
5. Stem	Steel/SS 304/SS 316
6. O-Ring	EPDM/FPM
7. Key	Steel
8. Gear Box	Iron
9. Handle Wheel	Iron
10. Pin	Steel

SIZE		PCD/ØD1			n-Øe			ØD	Ød	Ø1	L	L1	H	H1	M	N
Inch	DN	DIN	ANSI	JIS	DIN	ANSI	JIS									
4	100	180	191	175	8-Ø19	8-Ø19	8-Ø19	228	98	145	54	120	340	140	120	90
5	125	210	216	210	8-Ø19	8-Ø19	8-Ø19	258	122	280	64	200	385	168	180	100
6	150	240	241	240	8-Ø23	8-Ø23	8-Ø23	287	146	280	70	200	417	181	180	100
8	200	295	298	290	8-Ø23	8-Ø23	12-Ø23	344	199	280	88	200	487	215	180	100
10	250	350	362	355	12-Ø25	12-Ø25	12-Ø25	412	255	280	98	220	551	260	180	130
12	300	400	432	400	12-Ø25	12-Ø25	16-Ø25	460	302	280	108	220	595	280	180	130
14	350	460	476	445	16-Ø25	12-Ø29	16-Ø25	500	345	380	88	280	670	410	250	220
16	400	515	540	510	16-Ø27	16-Ø29	16-Ø27	565	395	380	98	280	770	490	250	220

2.5. Valve PVC

Butterfly Valve PVC Lever Handle



Standard
Pressure
End Connector

DIN/ANSI/JIS
200 PSI
Flange

Part

1. Body
2. Seat Seal
3. Gate
4. Stem
5. O-Ring
6. Washer
7. Locking Plate
8. Large Handle
9. Small Handle
10. Spring
11. Pin
12. Bolt
13. Handle Cap
14. Insered Bolt
15. Bolt Cap

Material

PVC
EPDM, FPM (NBR)
U-PVC
SUS410
EPDM, FPM (NBR)
ABS
PVC
ABS
ABS
SUS304
SUS304
SUS304
ABS
SUS304
PVC

SIZE		D1	D2/PCD			D3	D4	H1	H2	W1	W2	L	n-Øe		
Inch	DN		DIN	ANSI	JIS								DIN	ANSI	JIS
2	50	160.1	120	120.4	100	55.6	99.7	223.3	98.3	44	32	189.7	4-Ø20	4-Ø19	4-Ø19
2-1/2	65	179.8	141.2	139.5	140	68.7	99.7	247	111.6	48.3	32.4	189	4-Ø18	4-Ø19	4-Ø19
3	80	195	156.4	139.5	140	83.9	99.7	282.6	132.5	51.9	36.3	238.5	8-Ø20	4-Ø19	8-Ø19
4	100	228.1	183	152.4	150	103.2	99.7	319.4	155.4	54.5	44.1	239.5	8-Ø20	8-Ø19	8-Ø19
5	125	257	210.9	190.5	175	129.5	139	368	170.3	66.5	54.6	309.8	8-Ø21.5	8-Ø19	8-Ø19
6	150	285.4	238.5	241.5	240	151.1	140	400.8	187.5	73.1	56.4	309.8	8-Ø24	8-Ø22	8-Ø23
8	200	342.6	292.4	298.5	295	198.6	140	473	230.1	92	72.2	309.8	8-Ø24	8-Ø23	8-Ø23

2.5. Valve PVC

Gate Valve 1



DN	SIZE
40	1-1/4
50	1-1/2
63	2
75	2-1/2
90	3
110	4
160	6

Gate Valve 2



SIZE
32
40
50
63
75
90
110
160
250

2.5. Valve PVC

Spring Check Valve PVC



SIZE

1/2

3/4

1

1-1/4

1-1/2

2

Wafer Check Valve With Flange



DN

SIZE

90

3

110

4

140

5

160

6

200

8

250

10

315

12

2.6 PVC Gutters

Rain Gutter



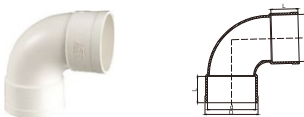
SIZE	d1	d2	d3	d4	H1	H2
110	118.5	121.3	14.5	11.9	66.5	127.2
125	125	128.4	14.7	11.1	70	134.2
140	140	143.6	14.7	11.1	77.5	149.3
170	170	174	16.2	16.2	93.2	180.2

Elbow 45°



SIZE	d	D	L
80	80.5	85.5	47
110	80.5	84.5	46.7

Elbow 90°



SIZE	d	D	L
80	80.5	85.5	47
110	80.5	85.5	45

End Cap Left



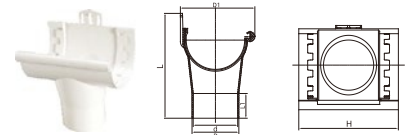
SIZE	d1	d2	H
110	117.1	121.5	140.2
170	176.2	181.8	196

End Cap Right



SIZE	d1	d2	H
110	117.1	121.5	140.2
170	176.2	181.8	196

Tee



SIZE	D	d	L1	d1	d2	d3	D1	d4	H	L
110	-	-	-	75.7	79.5	115.3	-	119.5	201.3	47
170	90	85.5	47.5	-	-	-	143.1	-	169.3	201.3

Angle Connector Right



SIZE	H	L	D
110	163.5	29.8	116.2

Angle Connector Left



SIZE	H	L	D
110	163.5	29.8	116.2

Angle Connector Right
(Interior)

SIZE	H	L	D
170	263	60	176.2

Angle Connector Right
(Exterior)

SIZE	H	L	D
170	277.2	60	176.2

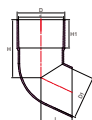
Coupling



SIZE	d1	d2	H
110	117.1	121.5	140.2
170	176.2	181.8	196

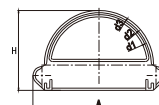
2.6. PVC Gutters

Shoe Diverter



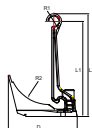
SIZE	D	d	H	H1	D1	L
80	86.2	81	105.1	51	77.17	56.38

End Cap Type II



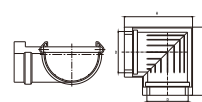
SIZE	H	A	d1	d2	d3
110	88.5	146.4	112	116.2	121.2

Invisible Clamp



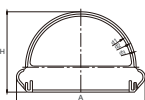
SIZE	D	L	L1	R1	R1
110	100	149.3	138.3	14.9	120

Angle Connector



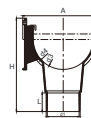
SIZE	D	H
125	226	131
140	245	145

Endcap



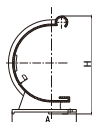
SIZE	d1	d2	d3	H	A
125	125.8	131	136.2	99.3	160.7
140	139	145	151	110	176

Tee



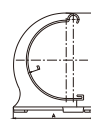
SIZE	d1	d2	d3	d4	H	L	A
125	74.4	80	131	136.6	189.3	43	169
140	77	82	145	151	226	45	186

Coupling With Gasket



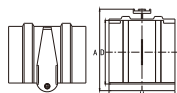
SIZE	D	H	A
110	116.2	152.3	100

Clamp



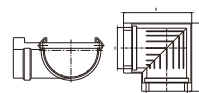
SIZE	D	H	A
125	145	187.5	152
140			

Coupling



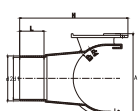
SIZE	D	H	A
125	13	210	169
140	145	151	186

Angle Connector With Gasket



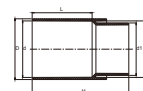
SIZE	H	D
110	120.67	199.45
125	226	131

Tee With Gasket



SIZE	A	H	L	d1	d2	d3	d4
110	152.3	191.2	43	74.4	84.5	116.2	121.2

Coupling M/F



SIZE	D	d	d1	L	H
80	86.5	80	74.7	85.3	137.5

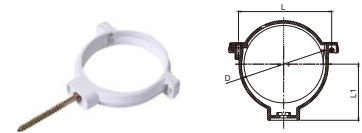
2.6. PVC Gutters

Rain Gutter



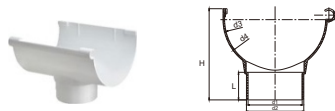
SIZE	D1	D2	H	h1
5.2"	138	90	105	21

Clip



SIZE	L	L1	D
80	93.9	58	80

Tee



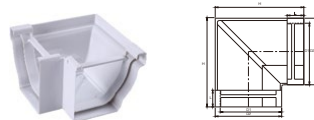
SIZE	d1	d2	d3	d4	H	L
170	94.4	100	176.2	181.8	159	48

Inside Corner 90°



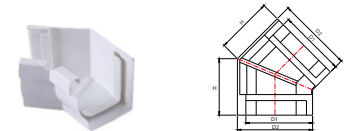
SIZE	D1	D2	H
5.2"	105	132	105

Outside Corner 90°



SIZE	H	D1	D2	L
5.2"	180	86	135	37.5

Inside Corner 135°



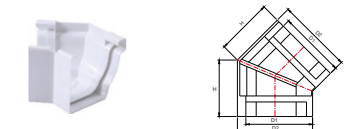
SIZE	D1	D2	H
5.2"	105	132	105

Left End Cap



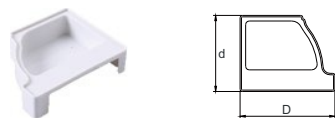
SIZE	D	d
5.2"	136	109

Outside Corner 135°



SIZE	D1	D2	H
5.2"	105	132	105

Right End Cap



SIZE	D	d
5.2"	136	109

Rectangle Pipe



SIZE	D	d
5.2"	85	63

Clamp



SIZE	D	H
110	121	145.6
170	178.2	206.7

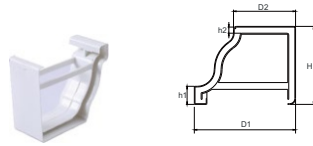
Metal Clamp



SIZE	d	D	L
110	-	-	-

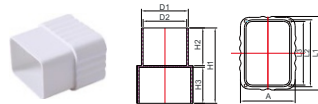
2.6. PVC Gutters

Coupling



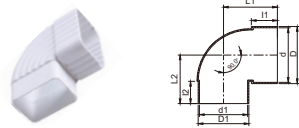
SIZE	D1	D2	H	h1	h2
5.2"	135	90	108	27	5

Coupling Of Pipe



SIZE	A	L1	L2	L3	D1	D2	H1	H2	H3
5.2"	65.5	88	80	76	56	52	90	45	43

Diverter 90°



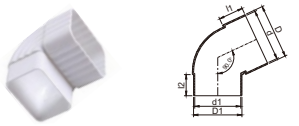
SIZE	D	d	D1	d1	L1	L2	L3	H1	H2
5.2"	67	63	57	53	73.5	64.5	41	35	
7"	83	79	73	69	93.5	88.5	54	50	

Diverter 65°



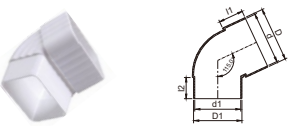
SIZE	D	d	D1	d1	L1	L2	L3	H1	H2
5.2"	67	63	57	53	41	35			
7"	83	79	73	69	54	50			

Elbow 90°



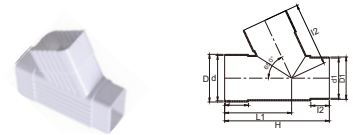
SIZE	D	d	D1	d1	L1	L2	L3	H1	H2
5.2"	91	86	80	76	85	57	41	35	
7"	105	101	94	90	106	98.5	54	50	

Elbow 65°



SIZE	D	d	D1	d1	L1	L2	L3	H1	H2
5.2"	91	86	80	76	41	35			
7"	105	101	94	90	54	50			

Skew Tee



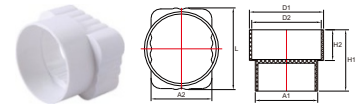
SIZE	D	d	D1	d1	H	L1	L2	L3	H4
5.2"	91	86	80	76	198	126.6	120.2	45	35

Tee



SIZE	A1	A2	H1	H2	D	L1	L2
5.2"	219	152	173	35	100	79	58

Conversion Joint



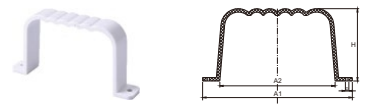
SIZE	A1	A2	L	H1	H2	D1	D2
5.2"	67.5	65.5	88	66	33	80	75
7"	105	105	82.5	95.5	45.5	80	75

Clamp



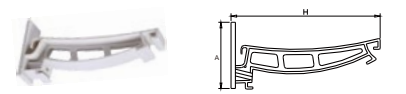
SIZE	D1	D2	H1	H2
5.2"	145	101	22	132

Clip



SIZE	A1	A2	H	D
5.2"	125	88	61.8	5
7"	141.6	106.8	71	5

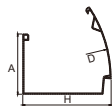
Gutter Hanger-Single Hole



SIZE	A	H
5.2"	60	131
7"	87	151

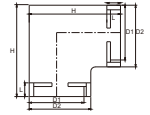
2.6. PVC Gutters

Rain gutter



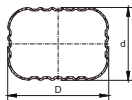
SIZE	A	H	D
7"	76	148	100

Outside Corner 90°



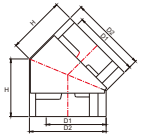
SIZE	H	D1	D2	L
7"	220	134.2	156	51.5

Rectangle Pipe



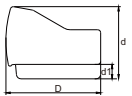
SIZE	D	d
7"	100	80

Inside Corner 135°



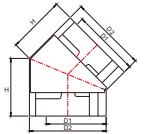
SIZE	D1	D2	H
7"	140	160	120

Left End Cap



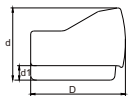
SIZE	D	d
7"	100	80

Outside Corner 135°



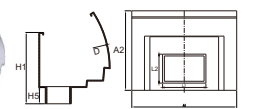
SIZE	D1	D2	H
7"	140	160	120

Right End Cap



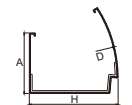
SIZE	D	d
7"	100	80

Tee



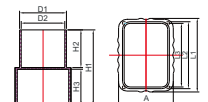
SIZE	A1	A2	H1	H2	D	L1	L2
7"	231	156	155	49	150	94	71

Coupling



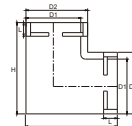
SIZE	A	H	D
7"	83	156	150

Coupling Of Pipe



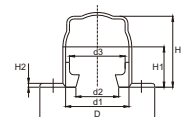
SIZE	A	L1	L2	L3	D1	D2	H1	H2	H3
7"	82.5	105	94.5	90.5	72	68	105	50	52.5

Inside Corner 90°



SIZE	H	D1	D2	L
7"	220	135	157	51.5

Square U Clamp



SIZE	D	d1	d2	d3	H	H1	H2
74	1341	74	50	65	82.7	47	4.5

2.6. PVC Gutters

Square Rain Gutter



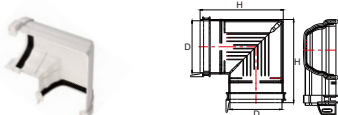
SIZE	D	H
125	129.1	73.58

Square Rain Pipe



SIZE	H1	H2	D1	D2
74	61	65	70	74

Square Elbow



SIZE	D	H
125	128.7	206.02

Square Elbow 45°



SIZE	D	d	D1	H	L	H1
74	79	74.5	74	98	42	61.7

Square End Cap



SIZE	D	H
125	148.11	85.27

Square Elbow 45° M/F



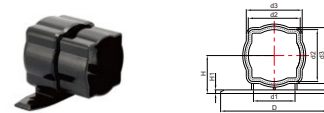
SIZE	D	d	D1	H	L	H1	H2
74	79	74.5	70	98	42	93.5	39.5

Square Tee



SIZE	A	D	d	H	L
125	148.51	60.17	56	135.8	38

Square Coupling M/F



SIZE	D	d1	d2	d3	H	H1
74	134.5	52	65	70	47.5	4.5

Square Clamp



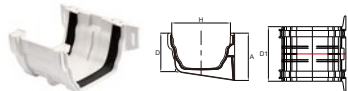
SIZE	A	H
125	105.3	130.09

Square Elbow 125 mm



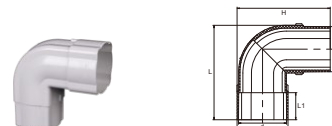
SIZE	D	H
125	130.09	206.02

Square Coupling



SIZE	A	D	D1	H
125	104.6	85.13	121	130.09

Square Elbow 90° M/F



SIZE	D	d1	d2	d3	H	H1
74	134.5	52	65	70	47.5	4.5

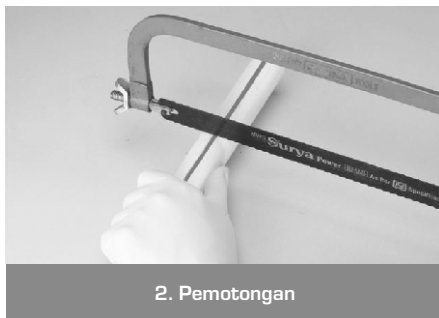
Penyambungan Fitting PVC-U JISS

Penyambungan fitting dan pipa UPVC (Unplasticized Polyvinyl Chloride) umumnya menggunakan Lem PVC atau biasa disebut Solvent Cement. Untuk menyambungkan fitting UPVC dalam berbagai aplikasi pipa. Solvent cement paling sering digunakan karena kuat dan mudah diterapkan, sementara drat dan kompresi cocok untuk sistem yang membutuhkan fleksibilitas atau sering dibongkar-pasang.



1. Ukur pipa

Ukur panjang pipa secara akurat kemudian tandai menggunakan pena untuk membuat sambungan yang diinginkan dan rapi. Pastikan pipa dan fitting yang dapat disesuaikan.



2. Pemotongan

Potong ujung pipa HDPE yang akan disambungkan dengan panjang yang sesuai menggunakan pemotong pipa. Pastikan pemotongan rata dan bersih.



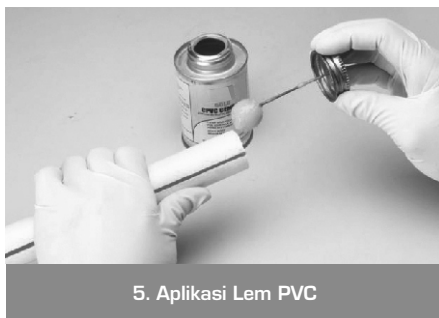
3. Pembersihan

Bersihkan ujung pipa dan bagian dalam fitting dengan pembersih (misalnya alkohol) untuk menghilangkan kotoran, minyak, atau debu yang dapat mengganggu proses penyambungan.



4. Persiapan Fitting

Bersihkan kotoran dan air dari fitting, soket, dan pipa menggunakan kain kering yang bersih. Pasang pipa secara kering untuk memastikan pipa masuk sepenuhnya ke bagian bawah soket fitting dan buat tanda yang terlihat dengan spidol berwarna gelap.



5. Aplikasi Lem PVC

Gunakan perekat khusus yang sesuai dengan jenis pipa dan aplikasikan secara merata dan aplikasikan secara tipis dan merata pada bagian dalam fitting.



6. Pemasangan pipa dan fitting

Masukkan pipa ke dalam soket setelah mengoleskan semen pelarut. Putar pipa 1/2 atau 1/4 saat memasukkannya. Jaga agar Lem PVC tetap merata di dalam sambungan selama gerakan atau putaran. Sejajarkan sambungan dengan benar dan biarkan selama 10-20 detik untuk menyiapkan sambungan.

! PERINGATAN



- Baca dan pahami semua petunjuk sebelum instalasi, melepas, menyesuaikan, atau merawat produk AMD Piping.
- Kurangi tekanan dan kuras sistem perpipaan sebelum instalasi, melepas, menyesuaikan, atau merawat produk AMD Piping.
- Kenakan perlengkapan safety, seperti kaca mata, helm, sepatu, dan pelindung pendengaran.



Kegagalan untuk mengikuti petunjuk dan peringatan dapat menyebabkan kegagalan sistem, yang mengakibatkan kematian atau cedera serius dan kerusakan.

Pemasangan Pipa dan Fitting PVC Gutters

Sistem drainase atap terutama terdiri dari talang, saluran pembuangan, pipa drainase, dan aksesori terkait. Talang (juga disebut talang hujan) adalah saluran drainase beralur di bawah atap, yang digunakan untuk menampung air hujan dari atap dan menyalurkan air hujan ke tanah melalui pipa pembuangan. Sistem ini dapat mengalirkan air hujan dari bangunan secara wajar, kemudian mencegah kerusakan pada atap, dinding, dan fondasi. Berikut ini langkah-langkah pemasangan pipa dan fitting PVC Gutters



1. Ukur pipa

Ukurlah panjang setiap garis atap tempat talang air akan dipasang secara akurat. Tambahkan beberapa inci untuk tumpang tindih di setiap area tempat Anda akan menyambungkan potongan talang air, termasuk tutup ujung.



2. Pemotongan

Potong bagian talang dengan hati-hati sesuai panjang yang telah Anda tentukan dalam rencana pemasangan talang. Sekali lagi, pastikan untuk memperhitungkan tumpang tindih dan tutup ujung. Selain itu, bor lubang terlebih dahulu di tempat-tempat yang nantinya akan Anda pasang tutup ujung talang.



3. Pasang Braket

Setelah memeriksa papan fascia rumah Anda, beri jarak braket fascia secara merata di sepanjang bagian rumah. Braket-braket ini berjarak 18-24 inci. Gunakan sekrup untuk mengencangkan braket ke papan fascia dengan aman, pastikan braket sedikit miring di sepanjang garis atap untuk mengalirkan air dengan baik.



4. Pasang Talang

Saat talang berada di lokasi akhirnya, bor lubang melalui talang dan lubang pemasangan sekrup di braket. Gunakan sekrup baja tahan karat dan mur bergelang untuk mengamankan talang ke braket, lalu oleskan sealant talang di sepanjang jahitan untuk memastikan air tidak akan bocor.



5. Pasang Tutup Ujung Talang

Saat talang masih di tanah—idealnya di lokasi yang datar—pasang tutup ujung dengan menggesernya ke bagian talang yang sudah Anda potong. Tumpang tindihkan ujung-ujungnya sekitar dua inci. Gunakan sealant untuk memastikan bahwa sambungan talang akan kedap air dan paku keling atau sekrup lembaran logam untuk mengamankan tumpang tindih tersebut.



6. Pemasangan Pipa Talang

Setelah talang air utama terpasang dan tertutup rapat, saatnya memasang pipa pembuangan air. Saat memulai langkah pemasangan pipa pembuangan air, gunakan braket siku berbentuk U untuk memasang potongan pipa pembuangan air yang sudah dipotong, kencangkan setiap bagian pipa pembuangan air dengan paku keling dan sealant.

⚠ PERINGATAN



- Baca dan pahami semua petunjuk sebelum instalasi, melepas, menyesuaikan, atau merawat produk AMD Piping.
- Kurangi tekanan dan kuras sistem perpipaan sebelum instalasi, melepas, menyesuaikan, atau merawat produk AMD Piping.
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