

C-PVC PIPE & FITTINGS

● JIS K 6776 (pipe), JIS K 6777 (fittings) and AV standard.



FEATURES

High Heat Resistance

Being made of C-PVC, the super pipe and fitting withstand high temperatures up to 90°C (195 °F)

High Chemical Resistance

Being made of C-PVC, the super pipe and fitting are highly resistant to chemicals.

Easy to Install

The super pipe and fitting are easy to install because the Socket method can be used for connecting.

Available in Various Types of Fittings

WORKING PRESSURE VS. TEMPERATURE

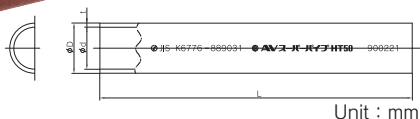
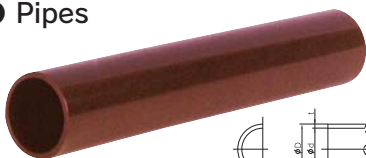
Nominal Size mm (inch)	5 - 30°C	31 - 40°C	41 - 60°C	61 - 70°C	71 - 80°C	81 - 90°C
13 - 50 (3/8 - 2)	1.0{10.2}		0.6{6.1}	0.4{4.1}	0.2{2.0}	0.2{2.0}
65 - 150 (2 1/2 - 3)	1.0{10.2}	0.8{8.2}	0.6{6.1}	0.4{4.1}	0.2{2.1}	0.2{2.0}
200 (8)	0.7{7.1}		0.4{4.1}	0.2{2.0}	0.1{1.0}	0.05{0.5}

MPa{kgf/cm²}

APPLICATIONS

Being highly heat and chemical resistant and offering high heat insulation performance, c-pvc pipe and fitting are suitable for piping for water supply, air-conditioning, hot springs and chemical media.

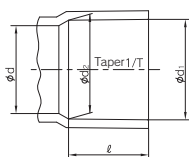
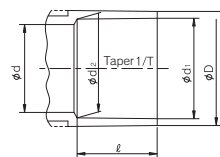
Pipes



Unit : mm

Nominal Size	D		t		L		d	Weight (kg/m)
	OD	Max Min	Basic Dimension	Tolerance	Basic Dimension	Tolerance		
☆ 13	18	± 0.20	± 0.20	2.5 ± 0.2	4000	+ 30 - 10	13	0.180
☆ 16	22	± 0.20	± 0.20	3.0 ± 0.3			16	0.265
☆ 20	26	± 0.20	± 0.20	3.0 ± 0.3			20	0.321
☆ 25	32	± 0.20	± 0.20	3.5 ± 0.3			25	0.464
☆ 30	38	± 0.30	± 0.20	3.5 ± 0.3			31	0.561
☆ 40	48	± 0.30	± 0.20	4.0 ± 0.3			40	0.818
☆ 50	60	± 0.40	± 0.20	4.5 ± 0.4			51	1.161
65	76	± 0.50	± 0.30	4.5 ± 0.4			67	1.506
75	89	± 0.50	± 0.30	5.9 ± 0.4			77	2.294
100	114	± 0.60	± 0.40	7.1 ± 0.5			100	3.552
125	140	± 0.80	± 0.50	7.5 ± 0.5	± 10		125	4.651
150	165	± 1.00	± 0.50	9.6 ± 0.7			146	6.982
● 200	216	± 1.30	± 0.70	11.0 ± 0.7			194	10.554

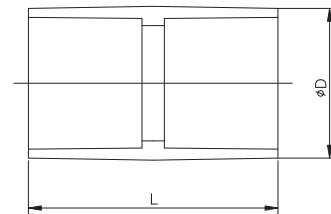
☆ JIS K 6776 ● Special Fitting Dimension



Unit : mm

Nominal Size	d1		1/ T	ℓ		d2		d Min	D	
	Basic Dimension	Tolerance		Basic Dimension	Tolerance	Basic Dimension	Tolerance		Basic Dimension	Tolerance
13	18.30	± 0.20	—	22 ± 4	± 4	17.55	± 0.25	14	26	- 0
16	22.35	± 0.20	—	27 ± 4	± 4	21.55	± 0.25	17	29	- 0
20	26.35	± 0.20	—	33 ± 4	± 4	25.50	± 0.25	21	34	- 0
25	32.50	± 0.30	—	38 ± 4	± 4	31.40	± 0.35	26	41	- 0
30	38.50	± 0.30	—	42 ± 4	± 4	37.45	± 0.35	34	46	- 0
40	48.50	± 0.30	—	47 ± 4	± 4	47.45	± 0.35	40	56	- 0
50	60.50	± 0.30	—	52 ± 4	± 4	59.45	± 0.35	50	69	- 0
65	76.60	± 0.30	1/48	61	+4/-0.5	—	—	67	87	- 1.5
75	89.60	± 0.30	1/49	64	+4/-0.5	—	—	77	102	- 1.5
100	114.70	± 0.30	1/56	84	+4/-0.5	—	—	100	130	- 1.8
125	140.80	± 0.30	1/58	104	+4/-0.5	—	—	125	157	- 1.8
150	166.00	± 0.40	1/63	132	+4/-0.5	—	—	146	186	- 2

Socket

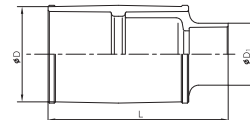
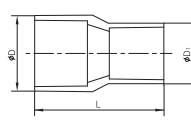
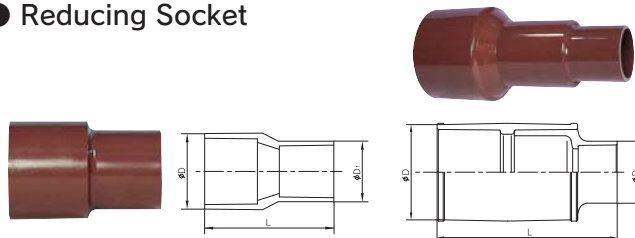


Unit : mm

Nominal Size	D	L
☆ 13	26	49
☆ 16	29	59
☆ 20	34	71
☆ 25	41	82
☆ 30	46	89
☆ 40	56	99
☆ 50	69	109
65	87	145
75	102	155
100	130	200
125	157	231
150	186	300
● 200	236	300

☆ JIS K 6777 ● Special Fitting Dimension

Reducing Socket

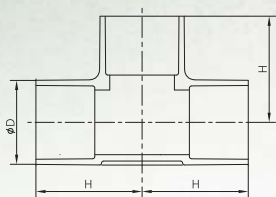


Unit : mm

Nominal Size	D	D1	L	Nominal Size	D	D1	L
☆ 16 × 13	29	26	53.0	• 65 × 30	87	46	194.0
☆ 20 × 13	34	26	61.5	• 65 × 40	87	57	205.0
☆ 20 × 16	34	29	66.0	• 65 × 50	87	70	149.0
☆ 25 × 13	41	26	73.0	• 75 × 40	102	57	221.0
☆ 25 × 16	41	29	76.0	• 75 × 50	102	70	165.0
☆ 25 × 20	41	34	80.5	• 75 × 65	102	87	163.0
☆ 30 × 13	46	26	75.0	• 100 × 40	130	57	246.0
☆ 30 × 20	46	34	85.0	• 100 × 50	130	70	252.0
☆ 30 × 25	46	41	90.0	• 100 × 65	130	87	250.0
☆ 40 × 20	56	34	98.0	• 100 × 75	130	102	190.0
☆ 40 × 25	56	41	100.0	• 125 × 75	157	102	296.0
☆ 40 × 30	56	46	97.0	• 125 × 100	157	130	316.0
☆ 50 × 25	69	41	110.0	• 150 × 75	186	102	365.0
☆ 50 × 30	69	46	110.0	• 150 × 100	186	130	385.0
☆ 50 × 40	69	56	110.0	• 150 × 125	186	157	404.0

☆ JIS K 6777 • Combination Type

● Tee

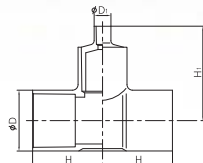
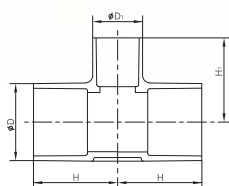


Unit : mm

Nominal Size	D	H
☆ 13	26	34
☆ 16	29	41
☆ 20	34	53
☆ 25	41	58
☆ 30	46	64
☆ 40	56	75
☆ 50	69	87
65	87	110
75	102	120
100	130	152
125	157	187
150	186	230

☆ JIS K 6777

● Reducing Tee



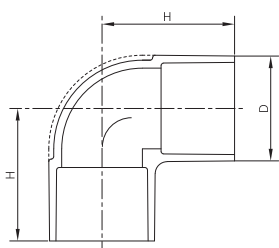
Unit : mm

Nominal Size	D	D ₁	H	H ₁	Nominal Size	D	D ₁	H	H ₁
☆ 16 × 13	29	26	39	36	☆ 65 × 16	87	29	100	137
☆ 20 × 13	34	26	45	38	☆ 65 × 20	87	33	100	142
☆ 20 × 16	34	29	47	43	☆ 65 × 25	87	40	100	147
☆ 25 × 13	41	26	49	41	☆ 65 × 30	87	46	100	150
☆ 25 × 16	41	29	52	46	65 × 40	87	57	95	95
☆ 25 × 20	41	34	54	52	65 × 50	87	70	100	105
☆ 30 × 13	46	26	54	44	☆ 75 × 20	102	33	105	147
☆ 30 × 16	46	29	56	49	75 × 25	102	40	93	88
☆ 30 × 20	46	34	58	55	☆ 75 × 30	102	46	105	155
☆ 35 × 25	46	41	60	60	75 × 40	102	56	100	102
☆ 40 × 13	56	26	62	49	75 × 50	102	70	105	110
☆ 40 × 16	56	29	63	54	☆ 100 × 20	130	33	125	159
☆ 40 × 20	56	34	65	60	☆ 100 × 25	130	40	125	164
☆ 40 × 25	56	41	68	65	☆ 100 × 30	130	46	125	167
☆ 40 × 30	56	46	72	69	☆ 100 × 40	130	57	125	178
☆ 50 × 13	69	26	69	55	100 × 50	130	75	125	122
☆ 50 × 16	69	29	70	60	100 × 75	130	102	140	132
☆ 50 × 20	69	34	72	70	125 × 75	157	102	161	147
☆ 50 × 25	69	41	75	75	125 × 100	157	130	175	167
☆ 50 × 30	69	46	79	75	150 × 75	186	102	195	158
☆ 50 × 40	69	56	82	80	150 × 100	186	130	208	182
65 × 13	87	24	100	135	150 × 125	186	157	218	202

☆ JIS K 6777

• Combination Type

● Elbow



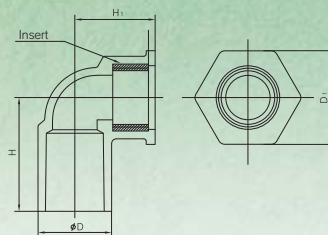
Unit : mm

Nominal Size	D	H
☆ 13	26	34
☆ 16	29	41
☆ 20	34	53
☆ 25	41	58
☆ 30	46	64
☆ 40	56	74
☆ 50	69	85
65	87	110
75	102	120
100	130	155
125	157	188
150	186	228
● 200	236	265

☆ JIS K 6777

● Special Fitting Dimension

● Faucet Elbow

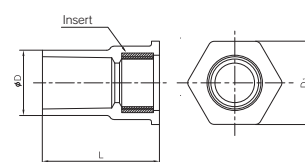


Unit : mm

Nominal Size	D Min	H	Thd	D ₁	H ₁
☆ 13	26	35	Rp1/2	35	29
☆ 16 × 13	29	42	Rp1/2	35	33
☆ 20	34	51	Rp3/4	44	36
☆ 25	41	60	Rp1	54	40
20 × 13	36	47	Rp1/2	34	33

☆ JIS K 6777

● Faucet Socket

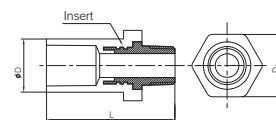


Unit : mm

Nominal Size	D Min	Thd	D ₁	L
☆ 13	26	Rp1/2	35	47
☆ 16 × 13	29	Rp1/2	35	52
☆ 20	34	Rp3/4	44	61
☆ 25	41	Rp1	54	69
20 × 13	36	Rp1/2	34	57

☆ JIS K 6777

● Valve Socket

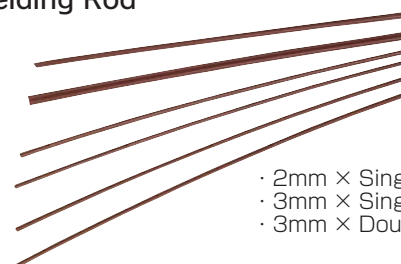


Unit : mm

Nominal Size	D Min	Thd	L	D ₁ Min
☆ 13 × 1/2	26	R 1/2	64	34
☆ 16 × 1/2	29	R 1/2	70	34
☆ 20 × 3/4	34	R 3/4	85	40
☆ 25 × 1	41	R 1	99	45
☆ 30 × 1 1/4	46	R 1 1/4	109	62
☆ 40 × 1 1/2	56	R 1 1/2	114	68
☆ 50 × 2	69	R 2	132	84

☆ JIS K 6777

● Welding Rod



- 2mm × Single
- 3mm × Single
- 3mm × Double