Straight Pipe

Abbreviation: VPW HIVPW Tap Water Unplasticized Polyvinyl Chloride Pipe (JIS K 6742)

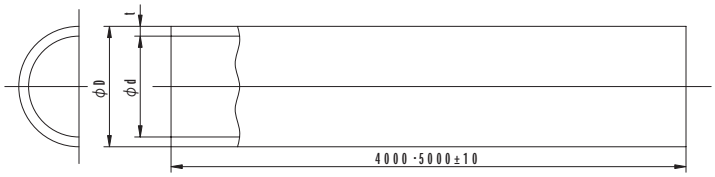
PRODUCT MODEL CODE

VP	P	N	U	WP	J	N	Size	Length	
HIVPW	P	N	I	WP	J	N	Size	Length	



VPW U-PVC HIVPW HI-PVC

Maximum Working Pressure (Hydrostatic pressure)	
VPW HIVPW	0.75MPa



Dimensions Table

(Unit: mm)

Size	Outer Diameter			Thickness		Overall Length		Reference Weight per 1m (kg/m)	
	Basic Dimension	Max./Min. Tolerance	Average Tolerance	Basic Dimension	Tolerance			VPW	HIVPW
13	18.0	±0.2	±0.2	2.5	±0.2	4000	—	0.174	0.170
16	22.0	±0.2	±0.2	3.0	±0.3	4000	—	0.256	0.251
20	26.0	±0.2	±0.2	3.0	±0.3	4000	—	0.310	0.303
25	32.0	±0.2	±0.2	3.5	±0.3	4000	—	0.448	0.439
30	38.0	±0.3	±0.2	3.5	±0.3	4000	—	0.542	0.531
40	48.0	±0.3	±0.2	4.0	±0.3	4000	5000	0.791	0.774
50	60.0	±0.4	±0.2	4.5	±0.4	4000	5000	1.122	1.098
● 65	76.0	±0.5	±0.2	4.5	±0.4	4000	5000	1.445	1.415
75	89.0	±0.5	±0.2	5.9	±0.4	4000	5000	2.202	2.156
100	114.0	±0.6	±0.2	7.1	±0.5	4000	5000	3.409	3.338
●125	140.0	±0.8	±0.3	7.5	±0.5	4000	5000	4.464	4.370
150	165.0	±1.0	±0.3	9.6	±0.6	4000	5000	6.701	6.561

Notes: Maximum/minimum outer dimensional tolerance is the difference between measured maximum and minimum values (maximum/minimum outer diameter) of any sectional outer diameter and the basic dimension. 2. Average outer dimensional tolerance is the difference between the average (average outer diameter) of measured values of outer diameters in 2 directions with an equal distance and the basic dimension. 3. The mass per 1m shown as reference is calculated using the pipe dimension as the basic dimension and setting the density of material for the pipe as 1.43g/cm^3 for unplasticized polyvinyl chloride pipe and 1.40g/cm^3 for impact-resistant unplasticized polyvinyl chloride pipe. It is not part of the standard. 4. Length tolerance shall be $^{+30}_{-10}$ mm. 5. ● conform to the JPPFA standard (JPPFA AS20).

Tap Water Rubber Ring Socket Single-Side Straight Pipe (RR Pipe)

Abbreviation: VPW HIVPW Tap Water Rubber Ring Impact-Resistant Unplasticized Polyvinyl Chloride Pipe (JWWA K 129)

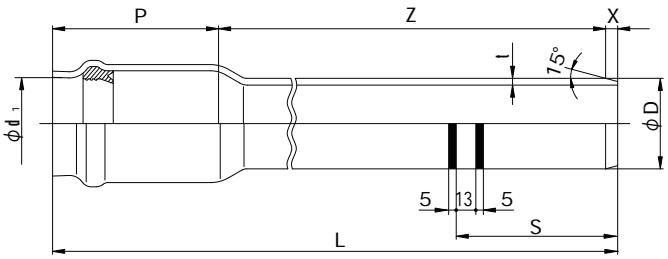
PRODUCT MODEL CODE

VPW	P	N	U	W7	J	N	Size	Length	
HIVPW	P	N	I	W7	J	N	Size	Length	



VPW U-PVC HIVPW HI-PVC

Maximum Working Pressure (Hydrostatic pressure)	
VPW HIVPW	0.75MPa



Dimensions Table

(Unit: mm)

Size	Port and Straight Part						Socket Part					Effective Length	Overall Length		Reference Weight (kg/piece)	
	Outer Diameter D			Thickness t	Chamfer Width	Gauge Line	Inner Diameter d_1			Socket Depth P						
	Basic Dimension	Max./Min. Tolerance	Average Tolerance	(Min.)	X	S	Basic Dimension	Max./Min. Tolerance	Average Tolerance	Basic Dimension	Tolerance	Z	L	Tolerance	VP	HIVP
50	60.0	±0.4	±0.2	4.1	8	107	60.9	±0.9	±0.6	110	±5	5000	5118	$^{+30}_{-10}$	5.8	5.7
75	89.0	±0.5	±0.2	5.5	11	120	90.2	±1.2	±0.7	120	±5	5000	5131	$^{+30}_{-10}$	11.5	11.3
100	114.0	±0.6	±0.2	6.6	13	132	115.3	±1.2	±0.7	130	±5	5000	5143	$^{+30}_{-10}$	17.9	17.5
●125	140.0	±0.8	±0.3	7.0	14	138	141.4	±1.4	±0.8	135	±5	5000	5149	$^{+30}_{-10}$	23.5	23.0
150	165.0	±1.0	±0.3	9.0	18	152	166.6	±1.4	±0.8	145	±5	5000	5163	$^{+30}_{-10}$	35.2	34.5

Notes: 1. ● conform to the JPPFA standard (JPPFA AS33 standard).
2. Maximum/minimum outer dimensional tolerance is the difference between measured maximum or minimum outer diameter of any section and the basic dimension.
3. Average outer dimensional tolerance is the difference between the circumference of any section divided by the circumference ratio (3.142) or the arithmetic mean value of measured outer diameters in 2 directions with an equal distance to each other and the basic dimension.