

Product Specifications

I. PVC-U Pipes and Fittings for Water Supply and Pressure Pipeline

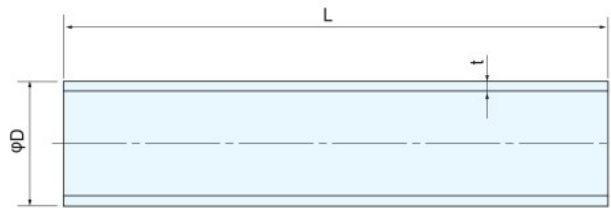
Meaning of symbols

JIS K6741: Product conforms to Japanese Industrial Standards JIS K6741

JIS K6742: Product conforms to Japanese Industrial Standards JIS K6742

AS20: Product conforms to Japan PVC Pipe and Fittings Association's standards and approved by Japan Water Works Association

1. Pipes



HI-VP Pipes for Water Supply Code No. 6001 (Japanese Industrial Standards JIS K6742 : 2007)

VP Pipes for Water Supply Code No. 1001 (Japanese Industrial Standards JIS K6742 : 2007)

Unit : mm

Nominal Dia.	Outside Dia.D			Thickness t		Approx. Inside Dia. (Reference)	Length +30 L -10	Reference Weight				Standards
	Basic Dimension	Max./Min. OD Tolerance	Average OD Tolerance	Basic Dimension	Tolerance			VP		HI-VP		
								g/m	kg/piece	g/m	kg/piece	
13	18	±0.2	±0.2	2.5	±0.2	13	4000	174	0.696	170	0.680	JIS K 6742
16	22	±0.2	±0.2	3.0	±0.3	16	4000	256	1.024	251	1.004	
20	26	±0.2	±0.2	3.0	±0.3	20	4000	310	1.240	303	1.212	
25	32	±0.2	±0.2	3.5	±0.3	25	4000	448	1.792	439	1.756	
30	38	±0.3	±0.2	3.5	±0.3	31	4000	542	2.168	531	2.124	
40	48	±0.3	±0.2	4.0	±0.3	40	★ ₂ 4000	791	3.164	774	3.096	
							5000					
50	60	±0.4	±0.2	4.5	±0.4	51	★ ₂ 4000	1122	4.488	1098	4.392	
							5000					
65	76	±0.5	±0.2	4.5	±0.4	67	★ 4000	1445	5.780	1415	5.660	
							★ 5000					
75	89	±0.5	±0.2	5.9	±0.4	77	★ ₂ 4000	2202	8.808	2156	8.624	
							5000					11.010
100	114	±0.6	±0.2	7.1	±0.5	100	★ ₂ 4000	3409	13.636	3338	13.352	
							5000					17.045
125	140	±0.8	±0.3	7.5	±0.5	125	★ 4000	4464	17.856	4370	17.484	
							★ 5000					
150	165	±1.0	±0.3	9.6	±0.6	146	★ ₂ 4000	6701	26.804	6561	26.244	
							5000					33.505

- Notes
- The "★" mark indicates a made-to-order product, and the "★₂" mark indicates a made-to-order VP product.
 - The maximum/minimum OD tolerance is the difference between the basic dimension and the maximum/minimum outside diameter measured at randomly selected cross section.
 - The average OD tolerance is the difference between the basic dimension and the average outside diameter obtained by averaging diameters measured in two directions perpendicular to each other at randomly selected cross section.
 - The thickness applies to any location on the circumference of the pipe.
 - For pipe lengths other than those listed above, contact our company.
 - The reference weights are calculated by the basic dimension and pipe material density of 1.43 g/cm³ for VP or 1.40 g/cm³ for HI-VP.

HI-VP Pipes for General Purposes Code No. 6001 (Japanese Industrial Standards JIS K 6741 : 2007)

Unit : mm

Nominal Dia.	Outside Dia.			Thickness		Approx. Inside Dia. (Reference)	Length	Reference Weight		Standards
	Basic Dimension	Max./Min. OD Tolerance	Average OD Tolerance	Min. Dimension	Tolerance			Weight/m (g/m)	Weight/m (kg/piece)	
65	76.0	±0.5	±0.2	4.1	+0.8	67	4000	1415	5.7	JIS K 6741
125	140.0	±0.8	±0.3	7.0	+1.0	125	4000	4370	17.5	
200	216.0	±1.3	±0.7	10.3	+1.4	194	4000	10129	40.5	
250	267.0	±1.6	±0.9	12.7	+1.8	240	4000	15481	61.9	
300	318.0	±1.9	±1.0	15.1	+2.2	286	4000	21962	87.8	

Note For nominal diameters smaller than those listed above, refer to the section for HI pipes for water supply.

VP Pipes for General Purposes Code No. 1001 (Japanese Industrial Standards JIS K 6741 : 2007)

Unit : mm

Nominal Dia.	Outside Dia.			Thickness		Approx. Inside Dia. (Reference)	Length	Reference Weight		Standards
	Basic Dimension	Max./Min. OD Tolerance	Average OD Tolerance	Min. Dimension	Tolerance			Weight/m (g/m)	Weight/m (kg/piece)	
40	48.0	±0.3	±0.2	3.6	+0.8	40	4000	791	3.2	JIS K 6741
50	60.0	±0.4	±0.2	4.1	+0.8	51	4000	1122	4.5	
65	76.0	±0.5	±0.3	4.1	+0.8	67	4000	1445	5.8	
75	89.0	±0.5	±0.3	5.5	+0.8	77	4000	2202	8.8	
100	114.0	±0.6	±0.4	6.6	+1.0	100	4000	3409	13.6	
125	140.0	±0.8	±0.5	7.0	+1.0	125	4000	4464	17.9	
150	165.0	±1.0	±0.5	8.9	+1.4	146	4000	6701	26.8	
200	216.0	±1.3	±0.7	10.3	+1.4	194	4000	10129	40.5	
250	267.0	±1.6	±0.9	12.7	+1.8	240	4000	15481	61.9	
300	318.0	±1.9	±1.0	15.1	+2.2	286	4000	21962	87.8	

Note For nominal diameters of 13 to 30, use VP pipes for water supply.

⚠ HI-VP pipes and VP pipes for general purposes cannot be used as pipes for drinking water.