

SEKISUI

ESLON Pipe for Buildings & Piping Systems

Approved Drawings

SEKISUI CHEMICAL CO.,LTD.

ESLON Pipe for Buildings & Piping Systems

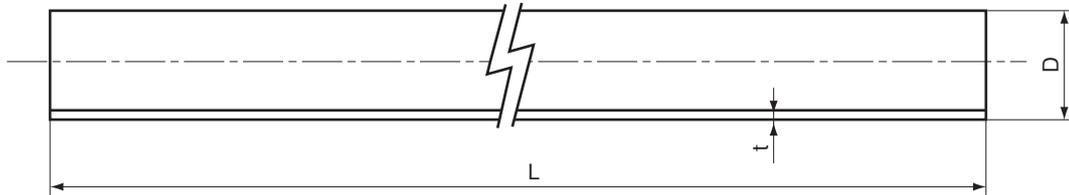
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Item

ESLON pipe for waterway(VPW)



Unit:mm

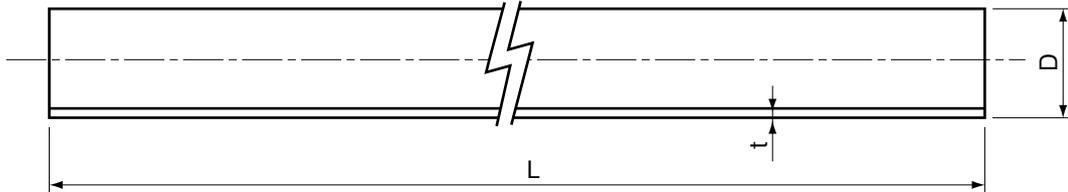
Nominal dia.	Outer dia. (D)	Tolerance for outer dia.		Thickness (t)	Tolerance for thickness	Length (L)		Reference weight (kg/m)	Standard	Part No.	
		Max. Min.	Average			Basic dimension	Tolerance			L=4,000	L=5,000
13	18	±0.20	±0.20	2.5	±0.20	4,000	+30, -10	0.174	JIS K 6742	VW134	—
16	22	±0.20	±0.20	3.0	±0.30	4,000	+30, -10	0.256	JIS K 6742	VW164	—
20	26	±0.20	±0.20	3.0	±0.30	4,000	+30, -10	0.310	JIS K 6742	VW204	—
25	32	±0.20	±0.20	3.5	±0.30	4,000	+30, -10	0.448	JIS K 6742	VW254	—
30	38	±0.30	±0.20	3.5	±0.30	4,000	+30, -10	0.542	JIS K 6742	VW304	—
40	48	±0.30	±0.20	4.0	±0.30	4,000 5,000	+30, -10	0.791	JIS K 6742	VW404	VW405
50	60	±0.40	±0.20	4.5	±0.40	4,000 5,000	+30, -10	1.122	JIS K 6742	VW504	VW505
75	89	±0.50	±0.20	5.9	±0.40	(4,000) 5,000	+30, -10	2.202	JIS K 6742	—	VW755
100	114	±0.60	±0.20	7.1	±0.50	(4,000) 5,000	+30, -10	3.409	JIS K 6742	—	VW1H5
150	165	±1.00	±0.30	9.6	±0.60	4,000 5,000	+30 -10	6.701	JIS K 6742	—	VW1F5

Note:Reference weight is calculated from its density of 1.43 and has nothing to do with any standard.

Item	ESLON pipe for waterway(VPW)	Drawing No.	W-VP-001
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2021.6.1

Item

ESLON pipe • +(plus)(VP)



Unit:mm

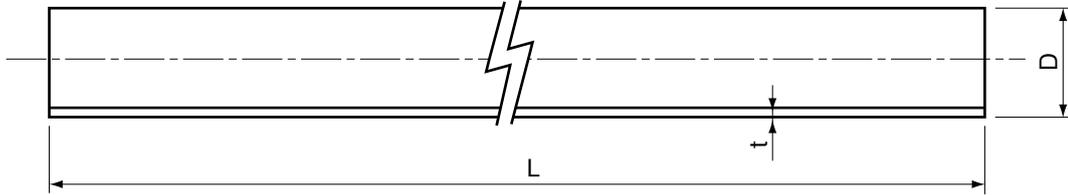
Nominal dia.	Outer dia. (D)	Tolerance for outer dia.	Thickness (t)		Approximate inner dia. (Reference)	Length (L)	Reference weight (kg/m)	Standard	Part No.
			Min.	Tolerance					
40	48	±0.2	3.6	+0.8	40	4,000±10	0.791	JIS K 6741	VP404
50	60	±0.2	4.1	+0.8	51	4,000±10	1.122	JIS K 6741	VP504
65	76	±0.3	4.1	+0.8	67	4,000±10	1.445	JIS K 6741	VP654
75	89	±0.3	5.5	+0.8	77	4,000±10	2.202	JIS K 6741	VP754
100	114	±0.4	6.6	+1.0	100	4,000±10	3.409	JIS K 6741	VP1H4
125	140	±0.5	7.0	+1.0	125	4,000±10	4.464	JIS K 6741	VP1Q4
150	165	±0.5	8.9	+1.4	146	4,000±10	6.701	JIS K 6741	VP1F4
200	216	±0.7	10.3	+1.4	194	4,000±10	10.129	JIS K 6741	VP2H4
250	267	±0.9	12.7	+1.8	240	4,000±10	15.481	JIS K 6741	VP2F4
300	318	±1.0	15.1	+2.2	286	4,000±10	21.962	JIS K 6741	VP3H4

Note:Reference weight is calculated from its density of 1.43 and has nothing to do with any standard.

Item	ESLON pipe • +(plus)(VP)	Drawing No.	D-VP-001P
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.6.30

Item

ESLON pipe • +(plus)(VU)



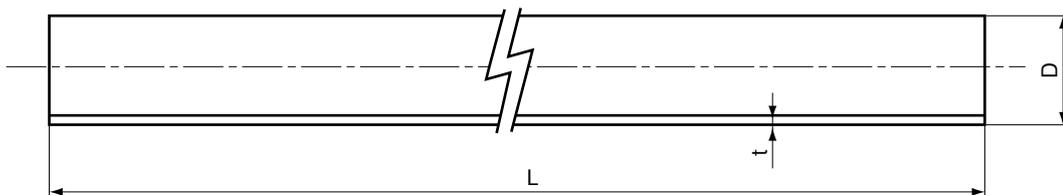
Unit:mm

Nominal dia.	Outer dia. (D)	Tolerance for outer dia.	Thickness (t)		Approximate inner dia. (Reference)	Length (L)	Reference weight (kg/m)	Standard	Part No.
			Min.	Tolerance					
40	48	±0.2	1.8	+0.4	44	4,000±10	0.413	JIS K 6741	VU404
50	60	±0.2	1.8	+0.4	56	4,000±10	0.521	JIS K 6741	VU504
65	76	±0.3	2.2	+0.6	71	4,000±10	0.825	JIS K 6741	VU654
75	89	±0.3	2.7	+0.6	83	4,000±10	1.159	JIS K 6741	VU754
100	114	±0.4	3.1	+0.8	107	4,000±10	1.737	JIS K 6741	VU1H4
125	140	±0.5	4.1	+0.8	131	4,000±10	2.739	JIS K 6741	VU1Q4
150	165	±0.5	5.1	+0.8	154	4,000±10	3.941	JIS K 6741	VU1F4
200	216	±0.7	6.5	+1.0	202	4,000±10	6.572	JIS K 6741	VU2H4
250	267	±0.9	7.8	+1.2	250	4,000±10	9.758	JIS K 6741	VU2F4
300	318	±1.0	9.2	+1.4	298	4,000±10	13.701	JIS K 6741	VU3H4
350	370	±1.2	10.5	+1.4	348	4,000±10	18.051	JIS K 6741	VU3F4
400	420	±1.3	11.8	+1.6	395	4,000±10	23.059	JIS K 6741	VU4H4
450	470	±1.5	13.2	+1.8	442	4,000±10	28.875	JIS K 6741	VU4F4
500	520	±1.6	14.6	+2.0	489	4,000±10	35.346	JIS K 6741	VU5H4
600	630	±3.2	17.8	+2.8	592	4,000±10	52.679	JIS K 6741	VU6H4

Note:Reference weight is calculated from its density of 1.43 and has nothing to do with any standard.

Item	ESLON pipe • +(plus)(VU)	Drawing No.	D-VU-001P
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.6.30

Item High Impact Rigid PVC Pipe For Water Supply
Eslon HI-Gold PVC Pipe
(HI-VPW·G)



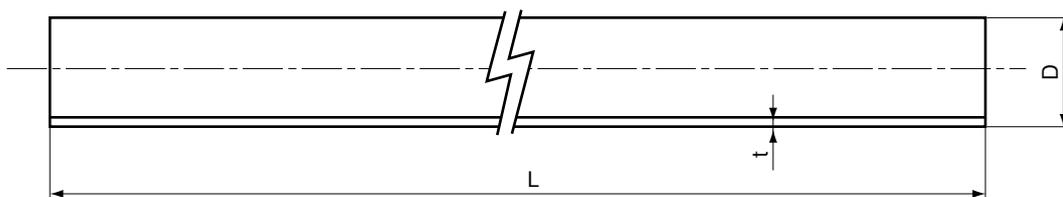
Unit : mm

Nominal Diameter	Outside Diameter D	Tolerance for outer dia.		Thickness (t)	Thickness tolerance	Length L		Reference weight (kg/m)	Standard	Part No.	
		Maximum, Minimum	Average			Tolerance for outer dia.	Tolerance			L=4,000	L=5,000
13	18	±0.20	±0.20	2.5	±0.20	4,000	+30, -10	0.170	JIS K 6742	IW134	-
16	22	±0.20	±0.20	3.0	±0.30	4,000	+30, -10	0.251	JIS K 6742	IW164	-
20	26	±0.20	±0.20	3.0	±0.30	4,000	+30, -10	0.303	JIS K 6742	IW204	-
25	32	±0.20	±0.20	3.5	±0.30	4,000	+30, -10	0.439	JIS K 6742	IW254	-
30	38	±0.30	±0.20	3.5	±0.30	4,000	+30, -10	0.531	JIS K 6742	IW304	-
40	48	±0.30	±0.20	4.0	±0.30	4,000 5,000	+30, -10	0.774	JIS K 6742	IW404	IW405
50	60	±0.40	±0.20	4.5	±0.40	4,000 5,000	+30, -10	1.098	JIS K 6742	IW504	IW505
65	76	±0.50	±0.30	4.5	±0.40	4,000 (5,000)	+30, -10	1.415	JIS K 6742	IP654	-
75	89	±0.50	±0.20	5.9	±0.40	4,000 (5,000)	+30, -10	2.156	JIS K 6742	IW754	IW755
100	114	±0.60	±0.20	7.1	±0.50	4,000 (5,000)	+30, -10	3.338	JIS K 6742	IW1H4	IW1H5
125	140	±0.80	±0.50	7.5	±0.50	4,000 (5,000)	+30, -10	4.370	JIS K 6742	IP1Q4	-
150	165	±1.00	±0.30	9.6	±0.60	4,000 (5,000)	+30, -10	6.561	JIS K 6742	IW1F4	IW1F5

Note: The reference mass is a reference value calculated using a specific gravity of 1.40, and it is not part of the specification.

Item	High Impact Rigid PVC Pipe For Water Supply Eslon HI-Gold PVC Pipe (HI-VPW·G)	Drawing No.	W-HIG-001
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.6.30

Item **High Impact Rigid PVC Pipe
Eslon HI-Gold PVC Pipe
(HI-VP•G)**



Unit : mm

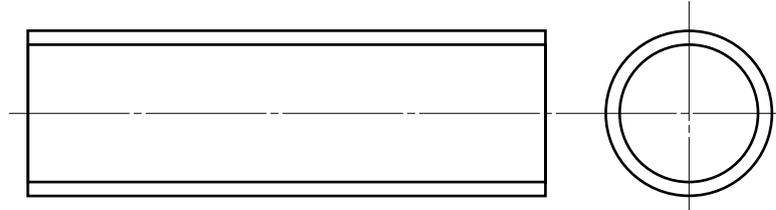
Nominal Diameter	Outside Diameter (D)	Tolerance for outer dia.	Thickness (t)		Approximate inner dia. (Reference)	Length (L)	Reference weight (kg/m)	Standard	Part No.
			Min.	Tolerance					
200	216	±0.7	10.3	±1.4	194	4,000±10	10.129	JIS K 6741	IP2H4
250	267	±0.9	12.7	±1.8	240	4,000±10	15.481	JIS K 6741	IP2F4
300	318	±1.0	15.1	±2.2	286	4,000±10	21.962	JIS K 6741	IP3H4

Note: The reference mass is a reference value calculated using a specific gravity of 1.40, and it is not part of the specification.

Item High Impact Rigid PVC Pipe Eslon HI-Gold PVC Pipe (HI-VP•G)	Drawing No. D-HIG-001
Drafting SEKISUI CHEMICAL CO.,LTD.	Date 2025.6.30

Item

PVC-C pipe for hot and cold water supply
Eslon HT Pipe



Unit : mm

Name		Outside Diameter	Tolerance		Thickness	Tolerance	Approximate inner diameter	Reference weight (kg/m)	Part No.
Nominal Diameter	display		Maximum·Minimum	average					
★ 13	HT 13	18.0	±0.20	±0.20	2.5	±0.20	13.0	0.180	HT134
★ 16	∕ 16	22.0	±0.20	±0.20	3.0	±0.30	16.0	0.265	HT164
★ 20	∕ 20	26.0	±0.20	±0.20	3.0	±0.30	20.0	0.321	HT204
★ 25	∕ 25	32.0	±0.20	±0.20	3.5	±0.30	25.0	0.464	HT254
★ 30	∕ 30	38.0	±0.30	±0.20	3.5	±0.30	31.0	0.561	HT304
★ 40	∕ 40	48.0	±0.30	±0.20	4.0	±0.30	40.0	0.818	HT404
★ 50	∕ 50	60.0	±0.40	±0.20	4.5	±0.40	51.0	1.161	HT504
65	∕ 65	76.0	±0.40	±0.20	5.0	±0.50	66.0	1.651	HT654
75	∕ 75	89.0	±0.40	±0.25	5.8	±0.50	77.4	2.244	HT754
100	∕ 100	114.0	±0.50	±0.25	7.0	±0.60	100.0	3.483	HT1H4
125	∕ 125	140.0	±0.60	±0.40	8.2	±0.60	123.6	5.025	HT1Q4
150	∕ 150	165.0	±0.80	±0.45	9.7	±0.70	145.6	7.004	HT1F4

- Note: 1. The maximum / minimum outer diameter is the maximum and minimum value of the outer diameter measurement value at an arbitrary location.
 2. The average outer diameter is the average value of the outer diameter measurements in two directions that are evenly spaced from each other at any location, and the value obtained by dividing the measured value of the circumference length by the circumference ratio 3.142.
 3. Length: 4000±10mm, Color: Dark brown is standard.
 4. Item with ★mark is made to order.(JIS K 6776)
 5. All JIS standard product dimensions indicate JIS standard dimensions.

Item	PVC-C pipe for hot and cold water supply Eslon HT Pipe	Drawing No.	HT-01
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.8.20