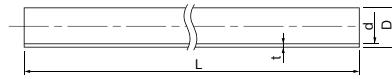
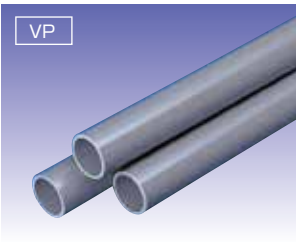


PLANT VP PIPE



- Ideal PVC Pipe for chemical application. Ultimate chemical and corrosion resistance with particularly formulated PVC material.
- Conform to RoHS and Food Sanitation Law.

Size

Size	D	t	d	L	Weight (kg/m)
16	22±0.2	2.7+0.6	16	4000±10	0.256
20	26±0.2	2.7+0.6	20		0.310
25	32±0.2	3.1+0.8	25		0.448
30	38±0.2	3.1+0.8	31		0.542
40	48±0.2	3.6+0.8	40		0.791
50	60±0.2	4.1+0.8	51		1.122
65	76±0.3	4.1+0.8	67		1.445
75	89±0.3	5.5+0.8	77		2.202
100	114±0.4	6.6+1.0	100		3.409
125	140±0.5	7.0+1.0	125		4.464
150	165±0.5	8.9+1.4	146		6.701
200	216±0.7	10.3+1.4	194		10.129
250	267±0.9	12.7+1.8	240		15.481
300	318±1.0	15.1+2.2	286		21.962

*Weight is calculated with specific gravity HI-VPW-G: 1.40, VPW: 1.43 for reference.

Performance

● Chemical resistance (immersion test for pipe and fittings)
 Eslon Plant VP Pipe and Eslon TS Fittings perform excellent chemical resistance.

Chemical	Before Immersion	Hydrochloric acid	Sulfuric acid	Nitric acid	Chromic acid
Concentration		35%	90%	60%	50%
Immersion Period	180 days				
Plant VP Pipe					
Normal PVC Pipe					
ESLON TS Fitting					
Normal PVC Fitting					

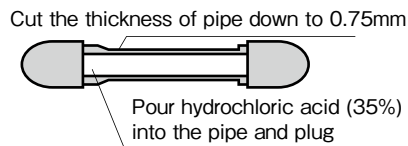
<Test method>
 Specimens cut from products and adjusted into 2mm thickness are immersed in chemicals at 55°C. After immersion, observe the surface of specimens by microscope.

● Chemical resistance (permeation test by hydrochloric acid)
 Permeation of hydrochloric acid into the material of pipe and oozing out is prevented.

Specimen for permeation test



Specimen



Observe the surface of pipe by microscope.



Plant VP Pipe

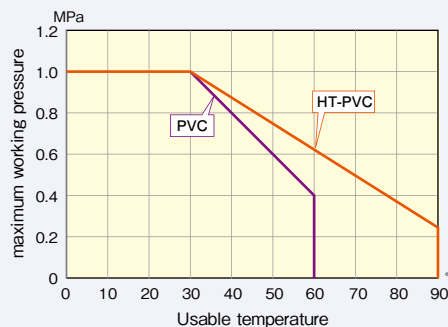


Normal PVC Pipe

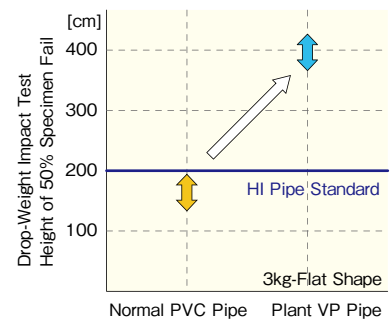
<Test method>
 Pour hydrochloric acid (35%) into the pipe cut the thickness down to 0.75mm, and plug. After keeping it at 55°C for 26 days, observe the surface of pipe by microscope.

Usable temperature and maximum working pressure of PVC and HT pipe.

PVC Pipe : Eslon HI Pipe, Eslon VP Pipe, and Eslon Plant VP Pipe



● Impact strength
 Plant VP Pipe has excellent impact resistance up to meet JIS standards (JIS K6742) for H1VP.



<Test method>
 Size:50A, Weight:3kg flat shape, Temperature:0°C