

TESS

Stainless Steel Piping Solution

Member of Tachibana Engineering



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Modern buildings and especially high rise buildings require a plumbing system that is capable to operate at a higher water pressure and a higher water flow rate, has a lower installation and maintenance costs and hence a lower life cycle cost as well as higher in mechanical strength throughout its life.

Stainless Steel piping system was adapted in the western countries some 40 years ago and have been proven to be a good solution for drinking water transport.

TESS Stainless Steel pipes are available to the Hong Kong market as a good solution for a modern drinking water system. Some of the advantages are:

- Hygienic (food quality) for drinking water application;
- Simple and secured installation by using press joints;
- No need to use fire for soldering;
- Low level of leaching and complete elimination of lead contamination;
- Suitable for hot water application.

Detail specification of the **TESS** Stainless Steel SS316L water pipes

Material used: SS316L Series 2

- >2.3% Molybdenum for extra prevention against corrosion;
- <0.003% carbon to ensure high quality jointing of the tube

Complying Standards:

BSEN10312:2002 + A1:2005

BSEN10217-7:2014 (for sizes >50mm diameter)

Compatible with Press Fittings complying with AS3688:2016

Standard length: 6 meters. Special lengths available upon request...

Size DN (mm)	Nominal External Diameter (mm)	Nominal Wall Thickness (mm)	Approximate Weight per 6 meters (kg)
12	15	1.0	2.11
15	18	1.0	2.46
20	22	1.2	3.62
25	28	1.2	4.67
35	35	1.5	7.39
40	42	1.5	8.89
50	54	1.5	11.51
65	76	2.0	21.07
80	88	2.0	24.81
100	108	2.0	30.22