

MELCO

Light Gauge Stainless Steel Tubes



- ✔ MELCO stainless steel tubes are specially designed to be used in domestic water supply system.
- ✔ MELCO stainless steel tubes are of austenitic stainless steel grade 304 (X5CrNi18-10) and produced through roll forming then longitudinally plasma inert gas welded.
- ✔ MELCO stainless steel tubes are manufactured in accordance to BS EN 10312 and checked for leaks through Eddy Current and Hydrostatic Pressure test.

Dimensions of Light Gauge Stainless Steel Tubes (Series 1)

Nominal Outside Diameters and Thickness		Tolerances on Outside Diameter		Tolerances on Wall Thickness	
Nominal Outside Diameters (mm)	Nominal Wall Thickness (mm)	Max (mm)	Min (mm)	Max (mm)	Min (mm)
15	0.6	15.04	14.94	0.66	0.54
22	0.7	22.05	21.95	0.77	0.63
28	0.8	28.05	27.95	0.88	0.72
35	1.0	35.07	34.97	1.10	0.90
42	1.1	42.07	41.97	1.21	0.99
54	1.2	54.07	53.84	1.32	1.08
66.7	1.2	66.75	66.08	1.32	1.08
76.1	1.5	76.30	75.54	1.65	1.35
108	1.5	108.30	107.20	1.65	1.35

Physical and Mechanical Properties

Gravity (Kg/dm ³)	Thermal Conductivity (W/m°C)	Thermal Expansion (10 ⁻⁶ /°C)	Min. Tensile Strength (N/mm ²)	Min. Elongation (%)	Young's modulus of Elasticity (KN/mm ²)
7.93	15	16	510	30	200

Packaging

- > Marking : MELCO® BS EN 10312 SUS304 X5CrNi18-10 Series I OD x Thickness x 5750mm RFT 'BatchNo'
- > Supplied in straight length of 2.875m and 5.75m.