



- Premium Ornamental Stainless Steel Tubing with high end value for money
- Suitable for all in-door and out-door versatile applications
- Must for applications near sea shores
- Excellent formability and bendability
- Excellent weldability
- Non-magnetic
- Excellent aesthetic appeal
- Available in bright, satin/euro and hairline surface finish
- Special profiles can be produced on request

Mechanical Properties

Tensile Strength ksi. (MPa)	Yield Strength ksi. (MPa)	Elongation (%)	Hardness (HRB)
70 (485) min	25 (170) min	35 min	95 max

IIL Cosmo Product Range

**Outer Diameter / Wall Thickness (mm)		0.8	1	1.2	1.5
Inches	mm	*Kg/m			
1/2	12.7	0.236	0.290	0.342	0.417
1	25.4	0.488	0.606	0.721	0.890
1 1/4	31.8	0.615	0.764	0.911	1.128
1 1/2	38.1	0.740	0.921	1.099	1.363
2	50.8	0.992	1.236	1.477	1.835

*Theoretical tube weight at a density of 7900 Kg/m³

**Tubes in other sizes ranging from 9.5mm to 25.4mm with wall thickness of 0.7mm to 2.0mm and sizes above 25.4mm to 63.5mm with wall thickness of 0.7mm to 3.0mm can be produced on request.

Note: All tubes are available in 6.1m (20ft) length and are packed as per international standards.

Chemical Composition

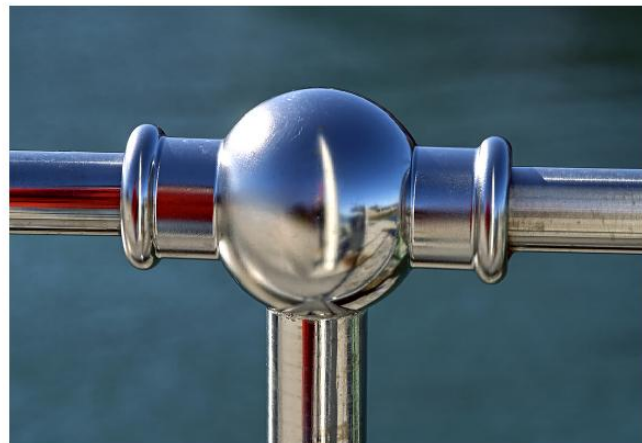
Element	(WT %)	Element	(WT %)
Carbon	0.08 max	Chromium	16-20
Manganese	2.00 max	Nickel	8-15
Phosphorus	0.045 max	Nitrogen	0.10 max
Sulfur	0.030 max	Molybdenum	0 - 3
Silicon	1.0 max	Iron	Balance

(Standards ASTM A240 & A554, JIS G-4305)



Applications

- Handrails
- Furniture
- Fences
- Staircases
- Fire escapes
- Bathroom accessories
- Gardens



Typical End Users:

- Resorts and farm houses
- Swimming pools
- Health care centers
- Educational institutions
- Religious places
- Recreational parks
- Kitchen and restaurant equipment
- Hotels
- Shopping malls
- Metro stations
- Airports
- Beaches & beach huts

