

# ISO Stainless Steel Tube

ISO stainless steel tube is an essential piping product utilised across many different industries, including the renewable energy and building services.

Special Metric Materials stocks and supplies ISO stainless steel tube for Pressure Purposes, produced in accordance with EN 10217-7, with a weld factor  $z = 1.0$ . We can supply ISO stainless steel tube, pickled, in 6m random lengths, with Plain Ends (PE).

Tolerances of our ISO stainless steel tube are in accordance with EN ISO 1127. The design pressures are calculated in bar according to: EN 13480, EN 10217-7 or EN 10296-2,  $T = 20\text{ }^{\circ}\text{C}$ , actual weld factor  $z$ .

Special Metric Materials can supply ISO stainless steel tube in the following Grades: 304L (1.4307), 316L (1.4404) & 316L High Moly (1.4432).



**Special Metric  
Materials**

OD mm	Weld Factor	Wall mm	Weight kg p/mtr	Max Pressure 304L 1.4307 @ 20°C	Max Pressure 316L 1.4404 @ 20°C
17.2	Z=1	1.6	0.62	278bar	290bar
21.3	Z=1	1.6	0.79	220bar	230bar
21.3	Z=1	2	0.97	289bar	301bar
26.9	Z=1	1.6	1.01	172bar	179bar
26.9	Z=1	2	1.25	225bar	234bar
33.7	Z=1	1.6	1.29	136bar	142bar
33.7	Z=1	2	1.59	177bar	184bar
42.4	Z=1	1.6	1.63	107bar	112bar
42.4	Z=1	2	2.02	139bar	145bar
48.3	Z=1	1.6	1.87	94bar	97bar
48.3	Z=1	2	2.32	121bar	126bar
60.3	Z=1	1.6	2.35	74bar	78bar
60.3	Z=1	2	2.92	96bar	100bar
76.1	Z=1	1.6	2.98	59bar	61bar
76.1	Z=1	2	3.71	76bar	79bar
88.9	Z=1	2	4.35	65bar	67bar
88.9	Z=1	2.6	5.62	85bar	88bar
114.3	Z=1	2	5.62	50bar	52bar
114.3	Z=1	2.6	7.27	66bar	68bar
139.7	Z=1	2	6.896	41bar	43bar
139.7	Z=1	2.6	8.926	53bar	56bar
168.3	Z=1	2	8.328	34bar	35bar
168.3	Z=1	2.6	10.788	44bar	46bar
219.1	Z=1	2	10.872	26bar	27bar
219.1	Z=1	2.6	14.095	34bar	35bar
219.1	Z=1	3	16.233	39bar	41bar
273.0	Z=1	2	13.572	21bar	22bar
273.0	Z=1	2.6	17.604	27bar	28bar
273.0	Z=1	3	20.282	33bar	33bar
323.9	Z=1	2	16.121	18bar	18bar
323.9	Z=1	3	24.106	26bar	27bar
323.9	Z=1	4	32.041	35bar	37bar

We have a large and comprehensive stock of Tru-Bore®, ISO Stainless Steel, ANSI, Hygienic, Pipe Clips, Valves, BSP Threaded Fittings and Press Fittings. Our expert team can also source a wide array of custom-made products.

To find out more, request a quotation or get some advice on a project, contact our team in Manchester today.

**Email us: [sales@specialmetric.co.uk](mailto:sales@specialmetric.co.uk) Call us: +44(0)161 343 0840**