

Coiled Tubing TP316L UNS S31603 2.000

Designation		Wall Thickness		Mass per Unit Length	Calculated Inside Diameter	Tubing Area (Sq.in)		Tube Load Body		Internal Pressure (psi)		Collapse Strength	Internal Capacity per 1000ft		Torsional Yield	
		Specified	Min			W/min.	Internal min.	Yield min	Tensile min	Hydro Test 90%	Internal Yield min.					
		OD	WT	inch	inch							lb/ft	inch	inch ²	inch ²	lb
2	2.000	0.109	0.109	0.104	2.25	1.782	0.619	2.522	25,900	45,300	3,700	4,100	3,400	129.48	3.08	1075
	2.000	0.118	0.118	0.113	2.42	1.764	0.670	2.472	27,900	48,800	4,000	4,400	3,900	126.87	3.02	1152
	2.000	0.125	0.125	0.118	2.55	1.750	0.698	2.444	29,500	51,500	4,200	4,700	4,400	124.87	2.97	1193
	2.000	0.134	0.134	0.127	2.72	1.732	0.747	2.394	31,400	55,000	4,500	5,000	4,700	122.31	2.91	1267
	2.000	0.145	0.145	0.138	2.93	1.710	0.807	2.334	33,800	59,200	5,000	5,500	5,100	119.23	2.84	1354
	2.000	0.156	0.156	0.148	3.13	1.688	0.861	2.280	36,100	63,300	5,300	5,900	5,500	116.18	2.77	1430
	2.000	0.175	0.175	0.167	3.48	1.650	0.962	2.180	40,100	70,200	5,900	6,500	6,100	111.01	2.64	1567
	2.000	0.188	0.188	0.180	3.71	1.624	1.029	2.112	42,800	74,900	6,300	7,000	6,500	107.53	2.56	1656
	2.000	0.204	0.204	0.194	3.99	1.592	1.101	2.041	46,000	80,600	6,800	7,500	7,000	103.34	2.46	1747

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Jiangsu Tube Solution Co., Ltd.
The other coiled tubing supplier

Chemistry Composition

C,% 0.035 max Mn,% 2.00 max P,% 0.045 max S,% 0.030 max Si,% 1.00 max
Cr,% 16.0-18.0 Ni,% 10.0-14.0 Mo,% 2.00-3.00

Contact: sales@tubemfg.com

Mechanical Properties

Tensile Strength: 70,000psi (483MPa) min
Yield Strength: 40,000psi (276MPa) min
Hardness: 192HBW, 200HV or 90HRB max

Tensile strength & yield strength minimum are calculated on specified wall.

Other dimensions are available on request.