

Coiled Tubing TP316L UNS S31603 1.500

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	wpe	d	inch ²	inch ²	lb	lb	psig	psig	psig	gal	bar
1-1/2	1.500	0.109	0.109	0.104	1.65	1.282	0.456	1.311	19,100	33,300	4,900	5,400	5,100	67.01	1.60	573
	1.500	0.118	0.118	0.113	1.78	1.264	0.492	1.275	20,500	35,900	5,200	5,800	5,500	65.14	1.55	612
	1.500	0.125	0.125	0.118	1.87	1.250	0.512	1.255	21,600	37,800	5,600	6,200	5,800	63.71	1.52	632
	1.500	0.134	0.134	0.127	1.99	1.232	0.548	1.219	23,000	40,300	5,900	6,600	6,200	61.89	1.47	668
	1.500	0.145	0.145	0.138	2.14	1.210	0.590	1.177	24,700	43,200	6,500	7,200	6,700	59.70	1.42	710
	1.500	0.156	0.156	0.148	2.28	1.188	0.629	1.139	26,300	46,100	7,000	7,800	7,200	57.55	1.37	746
	1.500	0.175	0.175	0.167	2.53	1.150	0.699	1.068	29,100	51,000	7,700	8,600	7,800	53.92	1.28	810
	1.500	0.188	0.188	0.180	2.69	1.124	0.746	1.021	31,000	54,200	8,200	9,100	8,300	51.51	1.23	850

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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.