

Coiled Tubing TP316L UNS S31603 1.250

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	lb	psig	psig	psig	gal	bar	ft.lbs	
1-1/4	1.250	0.080	0.080	0.076	1.02	1.090	0.280	0.947	11,800	20,600	4,200	4,700	4,400	48.44	1.15	299
	1.250	0.087	0.087	0.083	1.10	1.076	0.304	0.923	12,700	22,300	4,700	5,200	4,900	47.21	1.12	321
	1.250	0.095	0.095	0.090	1.20	1.060	0.328	0.899	13,800	24,100	5,100	5,700	5,400	45.81	1.09	342
	1.250	0.102	0.102	0.097	1.28	1.046	0.351	0.876	14,700	25,800	5,600	6,200	5,800	44.61	1.06	362
	1.250	0.109	0.109	0.104	1.36	1.032	0.374	0.853	15,600	27,400	5,800	6,400	6,000	43.42	1.03	382
	1.250	0.118	0.118	0.113	1.46	1.014	0.404	0.824	16,800	29,400	6,200	6,900	6,400	41.92	1.00	406
	1.250	0.125	0.125	0.118	1.53	1.000	0.420	0.808	17,700	30,900	6,700	7,400	6,800	40.77	0.97	418
	1.250	0.134	0.134	0.127	1.63	0.982	0.448	0.779	18,800	32,900	7,100	7,900	7,300	39.32	0.94	441
	1.250	0.145	0.145	0.138	1.75	0.960	0.482	0.745	20,100	35,200	7,700	8,600	7,800	37.58	0.90	466
1.250	0.156	0.156	0.148	1.86	0.938	0.512	0.715	21,400	37,500	8,300	9,200	8,400	35.87	0.85	488	

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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.