

Coiled Tubing TP316L UNS S31603 1.750

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
1-3/4	1.750	0.095	0.095	0.090	1.71	1.560	0.469	1.936	19,800	34,600	3,700	4,100	3,500	99.23	2.36	713
	1.750	0.102	0.102	0.097	1.83	1.546	0.504	1.902	21,100	37,000	4,100	4,500	4,000	97.45	2.32	759
	1.750	0.109	0.109	0.104	1.95	1.532	0.538	1.867	22,500	39,300	4,100	4,600	4,300	95.70	2.28	804
	1.750	0.118	0.118	0.113	2.10	1.514	0.581	1.824	24,200	42,300	4,500	5,000	4,700	93.46	2.23	860
	1.750	0.125	0.125	0.118	2.21	1.500	0.605	1.800	25,500	44,700	4,800	5,300	5,000	91.74	2.19	891
	1.750	0.134	0.134	0.127	2.36	1.482	0.648	1.758	27,200	47,600	5,100	5,700	5,300	89.55	2.13	944
	1.750	0.145	0.145	0.138	2.53	1.460	0.699	1.706	29,200	51,200	5,600	6,200	5,800	86.91	2.07	1006
	1.750	0.156	0.156	0.148	2.71	1.438	0.745	1.660	31,200	54,700	6,000	6,700	6,200	84.31	2.01	1060
	1.750	0.175	0.175	0.167	3.00	1.400	0.831	1.575	34,600	60,600	6,700	7,400	6,800	79.92	1.90	1157
	1.750	0.188	0.188	0.180	3.20	1.374	0.888	1.517	36,900	64,600	7,100	7,900	7,300	76.97	1.83	1219
1.750	0.204	0.204	0.194	3.43	1.342	0.948	1.457	39,600	69,400	7,700	8,600	7,800	73.43	1.75	1282	

TP316L UNS S31603 1.750

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.