

## Coiled Tubing TP316L UNS S31603 0.750

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			wpe	d	W/min.	Internal min.	Yield min	Tensile min					Hydro Test 90%
OD	WT	inch	inch	lb/ft	inch	inch <sup>2</sup>	inch <sup>2</sup>	lb	lb	psig	psig	psig	gal	bar	ft.lbs	
3/4	0.750	0.080	0.080	0.076	0.59	0.590	0.161	0.281	6,700	11,800	7,000	7,800	7,200	14.19	0.34	95
	0.750	0.083	0.083	0.079	0.61	0.584	0.167	0.275	7,000	12,200	7,400	8,200	7,500	13.91	0.33	98
	0.750	0.087	0.087	0.083	0.63	0.576	0.174	0.268	7,200	12,700	7,700	8,600	7,800	13.53	0.32	101
	0.750	0.095	0.095	0.090	0.68	0.560	0.187	0.255	7,800	13,700	8,400	9,300	8,500	12.79	0.30	106
	0.750	0.102	0.102	0.097	0.72	0.546	0.199	0.243	8,300	14,500	9,100	10,100	9,100	12.16	0.29	111

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### 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

### 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.

**Jiangsu Tube Solution Co., Ltd.**

**The other coiled tubing supplier**

Contact: sales@tubemfg.com