

## Coiled Tubing 2507 UNS S32750 1.000

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 <sup>2</sup>	inch <sup>2</sup>	lb	lb	psig	psig	psig	gal	bar	ft.lbs	
1	1.000	0.075	0.075	0.071	0.76	0.850	0.207	0.578	19,600	25,300	11,300	12,600	11,100	29.46	0.70	389
	1.000	0.080	0.080	0.076	0.81	0.840	0.221	0.565	20,800	26,800	12,000	13,300	12,200	28.77	0.69	411
	1.000	0.083	0.083	0.079	0.84	0.834	0.229	0.557	21,500	27,700	12,600	14,000	13,000	28.36	0.68	423
	1.000	0.087	0.087	0.083	0.87	0.826	0.239	0.546	22,500	28,900	13,100	14,600	13,600	27.82	0.66	439
	1.000	0.095	0.095	0.090	0.95	0.810	0.257	0.528	24,300	31,300	14,400	16,000	14,800	26.75	0.64	466
	1.000	0.102	0.102	0.097	1.01	0.796	0.275	0.510	25,900	33,400	15,600	17,300	16,000	25.83	0.62	491
	1.000	0.109	0.109	0.104	1.07	0.782	0.293	0.493	27,500	35,400	16,200	18,000	16,500	24.93	0.59	516
	1.000	0.118	0.118	0.113	1.14	0.764	0.315	0.471	29,400	37,900	17,300	19,200	17,600	23.80	0.57	545
	1.000	0.125	0.125	0.118	1.20	0.750	0.327	0.458	30,900	39,900	18,500	20,500	18,700	22.93	0.55	560
	1.000	0.134	0.134	0.127	1.27	0.732	0.348	0.437	32,800	42,300	19,600	21,800	19,800	21.85	0.52	587

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

### Chemistry Composition

C,% 0.03 max Mn,% 1.20 max P,% 0.035 max S,% 0.020 max Si,% 0.80 max  
Cr,% 24.0-26.0 Ni,% 6.00-8.00 Mo,% 3.00-5.00 N,% 0.24-0.32 Cu,% 0.50 max

Contact: sales@tubemfg.com

### Mechanical Properties

Tensile Strength: 116,000psi (800MPa) min  
Yield Strength: 90,000psi (621MPa) min  
Hardness: 300HBW or 32HRC max

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

Other dimensions are available on request.