

## Coiled Tubing 2507 UNS S32750 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 <sup>2</sup>	inch <sup>2</sup>	lb	lb	psig	psig	psig	gal	bar	ft.lbs	
1-1/4	1.250	0.075	0.075	0.071	0.97	1.100	0.263	0.964	24,900	32,100	9,100	10,100	7,100	49.34	1.18	635
	1.250	0.080	0.080	0.076	1.03	1.090	0.280	0.947	26,500	34,100	9,600	10,700	8,000	48.44	1.15	672
	1.250	0.087	0.087	0.083	1.11	1.076	0.304	0.923	28,600	36,900	10,600	11,800	9,700	47.21	1.12	721
	1.250	0.095	0.095	0.090	1.21	1.060	0.328	0.899	31,000	40,000	11,600	12,900	11,500	45.81	1.09	769
	1.250	0.102	0.102	0.097	1.29	1.046	0.351	0.876	33,100	42,700	12,500	13,900	13,000	44.61	1.06	815
	1.250	0.109	0.109	0.104	1.37	1.032	0.374	0.853	35,200	45,300	13,100	14,500	13,500	43.42	1.03	859
	1.250	0.118	0.118	0.113	1.47	1.014	0.404	0.824	37,800	48,700	14,000	15,600	14,400	41.92	1.00	913
	1.250	0.125	0.125	0.118	1.54	1.000	0.420	0.808	39,800	51,200	14,900	16,600	15,400	40.77	0.97	941
	1.250	0.134	0.134	0.127	1.64	0.982	0.448	0.779	42,300	54,500	15,900	17,700	16,300	39.32	0.94	991
	1.250	0.145	0.145	0.138	1.76	0.960	0.482	0.745	45,300	58,400	17,300	19,200	17,600	37.58	0.90	1048
	1.250	0.156	0.156	0.148	1.87	0.938	0.512	0.715	48,300	62,200	18,700	20,800	18,900	35.87	0.85	1097
1.250	0.175	0.175	0.167	2.06	0.900	0.568	0.659	53,200	68,600	20,500	22,800	20,600	33.03	0.79	1182	

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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.