

## Coiled Tubing 2507 UNS S32750 2.000

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	
2	2.000	0.109	0.109	0.104	2.26	1.782	0.619	2.522	58,300	75,100	8,300	9,200	5,600	129.48	3.08	2418
	2.000	0.118	0.118	0.113	2.43	1.764	0.670	2.472	62,800	80,900	8,900	9,900	6,700	126.87	3.02	2591
	2.000	0.125	0.125	0.118	2.57	1.750	0.698	2.444	66,300	85,400	9,500	10,600	7,800	124.87	2.97	2685
	2.000	0.134	0.134	0.127	2.74	1.732	0.747	2.394	70,700	91,100	10,100	11,200	8,900	122.31	2.91	2851
	2.000	0.145	0.145	0.138	2.95	1.710	0.807	2.334	76,100	98,000	11,100	12,300	10,500	119.23	2.84	3046
	2.000	0.156	0.156	0.148	3.15	1.688	0.861	2.280	81,300	104,800	12,000	13,300	12,200	116.18	2.77	3217
	2.000	0.175	0.175	0.167	3.50	1.650	0.962	2.180	90,300	116,400	13,100	14,600	13,600	111.01	2.64	3527
	2.000	0.188	0.188	0.180	3.73	1.624	1.029	2.112	96,300	124,100	14,000	15,600	14,500	107.53	2.56	3726
	2.000	0.204	0.204	0.194	4.01	1.592	1.101	2.041	103,600	133,500	15,300	17,000	15,700	103.34	2.46	3931
	2.000	0.224	0.224	0.214	4.36	1.552	1.201	1.941	112,500	145,000	16,700	18,600	17,100	98.21	2.34	4205
	2.000	0.250	0.250	0.240	4.79	1.500	1.327	1.815	123,700	159,400	18,700	20,800	19,000	91.74	2.19	4532
	2.000	0.276	0.276	0.266	5.21	1.448	1.449	1.693	134,500	173,400	20,200	22,400	20,300	85.49	2.04	4827
2.000	0.281	0.281	0.271	5.29	1.438	1.472	1.670	136,600	176,000	20,400	22,700	20,600	84.31	2.01	4880	

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Other dimensions are available on request.

### 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

Jiangsu Tube Solution Co., Ltd.

The other coiled tubing supplier

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.