

Coiled Tubing 2507 UNS S32750 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	1.72	1.560	0.469	1.936	44,500	57,300	8,300	9,200	5,700	99.23	2.36	1605
	1.750	0.102	0.102	0.097	1.84	1.546	0.504	1.902	47,500	61,300	9,000	10,000	7,000	97.45	2.32	1709
	1.750	0.109	0.109	0.104	1.96	1.532	0.538	1.867	50,600	65,200	9,400	10,400	7,600	95.70	2.28	1810
	1.750	0.118	0.118	0.113	2.11	1.514	0.581	1.824	54,400	70,200	10,100	11,200	8,900	93.46	2.23	1936
	1.750	0.125	0.125	0.118	2.23	1.500	0.605	1.800	57,400	74,000	10,800	12,000	10,100	91.74	2.19	2004
	1.750	0.134	0.134	0.127	2.37	1.482	0.648	1.758	61,200	78,900	11,500	12,800	11,400	89.55	2.13	2123
	1.750	0.145	0.145	0.138	2.55	1.460	0.699	1.706	65,800	84,800	12,500	13,900	13,000	86.91	2.07	2263
	1.750	0.156	0.156	0.148	2.73	1.438	0.745	1.660	70,300	90,600	13,600	15,100	14,000	84.31	2.01	2385
	1.750	0.175	0.175	0.167	3.02	1.400	0.831	1.575	77,900	100,400	14,900	16,600	15,400	79.92	1.90	2603
	1.750	0.188	0.188	0.180	3.22	1.374	0.888	1.517	83,000	107,000	15,900	17,700	16,300	76.97	1.83	2743
	1.750	0.204	0.204	0.194	3.45	1.342	0.948	1.457	89,200	114,900	17,300	19,200	17,600	73.43	1.75	2885
	1.750	0.224	0.224	0.214	3.74	1.302	1.033	1.373	96,600	124,600	19,000	21,100	19,200	69.12	1.65	3072
1.750	0.250	0.250	0.240	4.11	1.250	1.139	1.267	106,000	136,700	21,200	23,500	21,300	63.71	1.52	3292	

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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.