

Coiled Tubing 2507 UNS S32750 3.500

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 ²	inch ²	lb	lb	psig	psig	psig	gal	bar	ft.lbs	
3-1/2	3.500	0.156	0.156	0.148	5.71	3.188	1.559	8.063	147,500	190,100	6,900	7,700	3,600	414.39	9.87	10853
	3.500	0.175	0.175	0.167	6.37	3.150	1.749	7.872	164,500	212,000	7,700	8,500	4,500	404.57	9.64	12046
	3.500	0.188	0.188	0.180	6.82	3.124	1.877	7.744	176,100	226,900	8,200	9,100	5,400	397.92	9.48	12837
	3.500	0.204	0.204	0.194	7.36	3.092	2.015	7.606	190,100	245,000	8,900	9,900	6,700	389.81	9.29	13668
	3.500	0.224	0.224	0.214	8.03	3.052	2.209	7.412	207,500	267,400	9,700	10,800	8,300	379.79	9.05	14817
	3.500	0.250	0.250	0.240	8.89	3.000	2.458	7.163	229,700	296,100	11,000	12,200	10,500	366.96	8.74	16245
	3.500	0.276	0.276	0.266	9.74	2.948	2.703	6.919	251,600	324,300	11,900	13,200	12,000	354.35	8.44	17601
	3.500	0.281	0.281	0.271	9.90	2.938	2.749	6.872	255,800	329,600	12,100	13,400	12,300	351.95	8.39	17854
	3.500	0.300	0.300	0.288	10.51	2.900	2.906	6.715	271,400	349,800	13,000	14,400	13,400	342.90	8.17	18694

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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.