

Coiled Tubing 2507 UNS S32750 2.375

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 ²	inch ²	lb	lb	psig	psig	psig	gal	bar	ft.lbs	
2-3/8	2.375	0.109	0.109	0.104	2.71	2.157	0.742	3.688	69,800	90,000	6,900	7,700	3,600	189.70	4.52	3496
	2.375	0.118	0.118	0.113	2.92	2.139	0.803	3.627	75,300	97,100	7,500	8,300	4,300	186.55	4.44	3755
	2.375	0.125	0.125	0.118	3.08	2.125	0.837	3.593	79,500	102,500	8,000	8,900	5,200	184.12	4.39	3896
	2.375	0.134	0.134	0.127	3.29	2.107	0.897	3.533	84,900	109,400	8,600	9,500	6,100	181.01	4.31	4145
	2.375	0.145	0.145	0.138	3.54	2.085	0.970	3.460	91,400	117,800	9,400	10,400	7,500	177.25	4.22	4441
	2.375	0.156	0.156	0.148	3.79	2.063	1.035	3.395	97,900	126,200	10,100	11,200	8,900	173.53	4.13	4702
	2.375	0.175	0.175	0.167	4.22	2.025	1.158	3.272	108,900	140,300	11,200	12,400	10,700	167.20	3.98	5177
	2.375	0.188	0.188	0.180	4.50	1.999	1.241	3.189	116,300	149,800	12,000	13,300	12,100	162.93	3.88	5488
	2.375	0.204	0.204	0.194	4.85	1.967	1.329	3.101	125,200	161,400	13,000	14,400	13,400	157.76	3.76	5809
	2.375	0.224	0.224	0.214	5.28	1.927	1.453	2.977	136,200	175,600	14,200	15,800	14,700	151.40	3.61	6245
	2.375	0.250	0.250	0.240	5.82	1.875	1.610	2.820	150,200	193,600	16,000	17,800	16,300	143.34	3.42	6773
	2.375	0.276	0.276	0.266	6.34	1.823	1.762	2.668	163,800	211,100	17,200	19,100	17,500	135.50	3.23	7259
	2.375	0.281	0.281	0.271	6.44	1.813	1.791	2.639	166,400	214,400	17,500	19,400	17,800	134.02	3.19	7348
2.375	0.300	0.300	0.288	6.81	1.775	1.888	2.542	176,000	226,900	18,600	20,700	18,900	128.46	3.06	7640	

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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

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.

Jiangsu Tube Solution Co., Ltd.

The other coiled tubing supplier

Contact: sales@tubemfg.com