

Coiled Tubing 2507 UNS S32750 1.500

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			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	
1-1/2	1.500	0.087	0.087	0.083	1.35	1.326	0.369	1.398	34,800	44,800	8,900	9,900	6,700	71.69	1.71	1074
	1.500	0.095	0.095	0.090	1.47	1.310	0.399	1.368	37,700	48,600	9,700	10,800	8,100	69.97	1.67	1149
	1.500	0.102	0.102	0.097	1.56	1.296	0.428	1.340	40,300	52,000	10,500	11,700	9,600	68.48	1.63	1220
	1.500	0.109	0.109	0.104	1.66	1.282	0.456	1.311	42,900	55,300	11,000	12,200	10,400	67.01	1.60	1290
	1.500	0.118	0.118	0.113	1.79	1.264	0.492	1.275	46,100	59,400	11,800	13,100	11,800	65.14	1.55	1376
	1.500	0.125	0.125	0.118	1.89	1.250	0.512	1.255	48,600	62,600	12,600	14,000	13,000	63.71	1.52	1422
	1.500	0.134	0.134	0.127	2.01	1.232	0.548	1.219	51,800	66,700	13,400	14,900	13,800	61.89	1.47	1503
	1.500	0.145	0.145	0.138	2.15	1.210	0.590	1.177	55,600	71,600	14,600	16,200	15,000	59.70	1.42	1597
	1.500	0.156	0.156	0.148	2.30	1.188	0.629	1.139	59,300	76,400	15,800	17,500	16,100	57.55	1.37	1678
	1.500	0.175	0.175	0.167	2.54	1.150	0.699	1.068	65,600	84,500	17,300	19,200	17,600	53.92	1.28	1822
	1.500	0.188	0.188	0.180	2.70	1.124	0.746	1.021	69,700	89,900	18,500	20,500	18,700	51.51	1.23	1912
1.500	0.204	0.204	0.194	2.90	1.092	0.796	0.971	74,800	96,300	20,000	22,200	20,200	48.62	1.16	2003	

2507 UNS S32750 1.500

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.