

Coiled Tubing CT100 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	1.31	1.326	0.369	1.398	38,600	41,700	9,800	10,900	7,100	71.69	1.71	1194
	1.500	0.095	0.095	0.090	1.43	1.310	0.399	1.368	41,900	45,300	10,800	12,000	8,700	69.97	1.67	1276
	1.500	0.102	0.102	0.097	1.52	1.296	0.428	1.340	44,800	48,400	11,700	13,000	10,400	68.48	1.63	1356
	1.500	0.109	0.109	0.104	1.62	1.282	0.456	1.311	47,600	51,400	12,200	13,500	11,200	67.01	1.60	1433
	1.500	0.118	0.118	0.113	1.74	1.264	0.492	1.275	51,200	55,300	13,100	14,500	12,800	65.14	1.55	1529
	1.500	0.125	0.125	0.118	1.84	1.250	0.512	1.255	54,000	58,300	14,000	15,500	14,500	63.71	1.52	1581
	1.500	0.134	0.134	0.127	1.96	1.232	0.548	1.219	57,500	62,100	14,900	16,500	15,400	61.89	1.47	1670
	1.500	0.145	0.145	0.138	2.10	1.210	0.590	1.177	61,700	66,700	16,200	18,000	16,700	59.70	1.42	1775
	1.500	0.156	0.156	0.148	2.24	1.188	0.629	1.139	65,900	71,100	17,600	19,500	17,900	57.55	1.37	1865
	1.500	0.175	0.175	0.167	2.48	1.150	0.699	1.068	72,800	78,700	19,300	21,400	19,600	53.92	1.28	2024
	1.500	0.188	0.188	0.180	2.64	1.124	0.746	1.021	77,500	83,700	20,500	22,800	20,800	51.51	1.23	2124
1.500	0.204	0.204	0.194	2.83	1.092	0.796	0.971	83,100	89,700	22,200	24,700	22,400	48.62	1.16	2225	

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Jiangsu Tube Solution Co., Ltd.

The other coiled tubing supplier

Chemistry Composition

C,% 0.16 max Mn,% 1.65 max P,% 0.025 max S,% 0.005 max Si,% 0.50 max

Contact: sales@tubemfg.com

Mechanical Properties

Tensile Strength: 108,000psi (758MPa) min

Yield Strength: 100,000psi (689MPa) min

Hardness: 28HRC max

Tensile strength & yield strength minimum are calculated on specified wall.

Other dimensions are available on request.