

Coiled Tubing CT100 1.250

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
1-1/4	1.250	0.075	0.075	0.071	0.94	1.100	0.263	0.964	27,700	29,900	10,100	11,200	7,600	49.34	1.18	706
	1.250	0.080	0.080	0.076	1.00	1.090	0.280	0.947	29,400	31,800	10,700	11,900	8,500	48.44	1.15	747
	1.250	0.087	0.087	0.083	1.08	1.076	0.304	0.923	31,800	34,300	11,800	13,100	10,500	47.21	1.12	802
	1.250	0.095	0.095	0.090	1.17	1.060	0.328	0.899	34,500	37,200	12,900	14,300	12,500	45.81	1.09	854
	1.250	0.102	0.102	0.097	1.25	1.046	0.351	0.876	36,800	39,700	14,000	15,500	14,500	44.61	1.06	905
	1.250	0.109	0.109	0.104	1.33	1.032	0.374	0.853	39,100	42,200	14,500	16,100	15,000	43.42	1.03	954
	1.250	0.118	0.118	0.113	1.43	1.014	0.404	0.824	42,000	45,300	15,600	17,300	16,000	41.92	1.00	1014
	1.250	0.125	0.125	0.118	1.50	1.000	0.420	0.808	44,200	47,700	16,700	18,500	17,100	40.77	0.97	1046
	1.250	0.134	0.134	0.127	1.60	0.982	0.448	0.779	47,000	50,700	17,600	19,600	18,100	39.32	0.94	1101
	1.250	0.145	0.145	0.138	1.71	0.960	0.482	0.745	50,300	54,400	19,300	21,400	19,600	37.58	0.90	1165
	1.250	0.156	0.156	0.148	1.82	0.938	0.512	0.715	53,600	57,900	20,800	23,100	21,000	35.87	0.85	1219
1.250	0.175	0.175	0.167	2.01	0.900	0.568	0.659	59,100	63,800	22,800	25,300	22,900	33.03	0.79	1313	

CT100 1.250

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.