

Coiled Tubing CT100 1.000

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
1	1.000	0.075	0.075	0.071	0.74	0.850	0.207	0.578	21,800	23,500	12,600	14,000	12,000	29.46	0.70	433
	1.000	0.080	0.080	0.076	0.79	0.840	0.221	0.565	23,100	25,000	13,300	14,800	13,300	28.77	0.69	456
	1.000	0.083	0.083	0.079	0.81	0.834	0.229	0.557	23,900	25,800	14,000	15,500	14,500	28.36	0.68	470
	1.000	0.087	0.087	0.083	0.85	0.826	0.239	0.546	25,000	27,000	14,700	16,300	15,200	27.82	0.66	488
	1.000	0.095	0.095	0.090	0.92	0.810	0.257	0.528	27,000	29,200	15,900	17,700	16,500	26.75	0.64	518
	1.000	0.102	0.102	0.097	0.98	0.796	0.275	0.510	28,800	31,100	17,300	19,200	17,700	25.83	0.62	546
	1.000	0.109	0.109	0.104	1.04	0.782	0.293	0.493	30,500	33,000	18,000	20,000	18,400	24.93	0.59	573
	1.000	0.118	0.118	0.113	1.11	0.764	0.315	0.471	32,700	35,300	19,300	21,400	19,600	23.80	0.57	606
	1.000	0.125	0.125	0.118	1.17	0.750	0.327	0.458	34,400	37,100	20,500	22,800	20,800	22.93	0.55	623
1.000	0.134	0.134	0.127	1.24	0.732	0.348	0.437	36,500	39,400	21,800	24,200	22,000	21.85	0.52	652	

CT100 1.000

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.