

## Coiled Tubing CT80 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	lb/ft	inch	inch <sup>2</sup>	inch <sup>2</sup>	lb	lb	psig	psig	psig	gal	bar	ft.lbs	
1-1/4	1.250	0.075	0.075	0.071	0.94	1.100	0.263	0.964	22,100	24,900	8,100	9,000	6,600	49.34	1.18	565
	1.250	0.080	0.080	0.076	1.00	1.090	0.280	0.947	23,500	26,500	8,600	9,500	7,400	48.44	1.15	597
	1.250	0.087	0.087	0.083	1.08	1.076	0.304	0.923	25,400	28,600	9,500	10,500	8,900	47.21	1.12	641
	1.250	0.095	0.095	0.090	1.17	1.060	0.328	0.899	27,600	31,000	10,300	11,400	10,700	45.81	1.09	684
	1.250	0.102	0.102	0.097	1.25	1.046	0.351	0.876	29,400	33,100	11,200	12,400	11,600	44.61	1.06	724
	1.250	0.109	0.109	0.104	1.33	1.032	0.374	0.853	31,300	35,200	11,600	12,900	12,000	43.42	1.03	763
	1.250	0.118	0.118	0.113	1.43	1.014	0.404	0.824	33,600	37,800	12,400	13,800	12,800	41.92	1.00	811
	1.250	0.125	0.125	0.118	1.50	1.000	0.420	0.808	35,300	39,800	13,300	14,800	13,700	40.77	0.97	837
	1.250	0.134	0.134	0.127	1.60	0.982	0.448	0.779	37,600	42,300	14,100	15,700	14,500	39.32	0.94	881
	1.250	0.145	0.145	0.138	1.71	0.960	0.482	0.745	40,300	45,300	15,400	17,100	15,700	37.58	0.90	932
	1.250	0.156	0.156	0.148	1.82	0.938	0.512	0.715	42,900	48,300	16,700	18,500	16,800	35.87	0.85	975
1.250	0.175	0.175	0.167	2.01	0.900	0.568	0.659	47,300	53,200	18,200	20,200	18,400	33.03	0.79	1050	

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Jiangsu Tube Solution Co., Ltd.

The other coiled tubing supplier

### Chemistry Composition

C,% 0.16 max Mn,% 1.20 max P,% 0.020 max S,% 0.005 max Si,% 0.50 max

Contact: sales@tubemfg.com

### Mechanical Properties

Tensile Strength: 88,000psi (607MPa) min

Yield Strength: 80,000psi (552MPa) min

Hardness: 22HRC max

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

Other dimensions are available on request.