

Coiled Tubing CT90 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	24,900	26,900	9,100	10,100	7,100	49.34	1.18	635
	1.250	0.080	0.080	0.076	1.00	1.090	0.280	0.947	26,500	28,500	9,600	10,700	8,000	48.44	1.15	672
	1.250	0.087	0.087	0.083	1.08	1.076	0.304	0.923	28,600	30,800	10,600	11,800	9,700	47.21	1.12	721
	1.250	0.095	0.095	0.090	1.17	1.060	0.328	0.899	31,000	33,400	11,600	12,900	11,500	45.81	1.09	769
	1.250	0.102	0.102	0.097	1.25	1.046	0.351	0.876	33,100	35,700	12,500	13,900	13,000	44.61	1.06	815
	1.250	0.109	0.109	0.104	1.33	1.032	0.374	0.853	35,200	37,900	13,100	14,500	13,500	43.42	1.03	859
	1.250	0.118	0.118	0.113	1.43	1.014	0.404	0.824	37,800	40,700	14,000	15,600	14,400	41.92	1.00	913
	1.250	0.125	0.125	0.118	1.50	1.000	0.420	0.808	39,800	42,900	14,900	16,600	15,400	40.77	0.97	941
	1.250	0.134	0.134	0.127	1.60	0.982	0.448	0.779	42,300	45,600	15,900	17,700	16,300	39.32	0.94	991
	1.250	0.145	0.145	0.138	1.71	0.960	0.482	0.745	45,300	48,800	17,300	19,200	17,600	37.58	0.90	1048
	1.250	0.156	0.156	0.148	1.82	0.938	0.512	0.715	48,300	52,000	18,700	20,800	18,900	35.87	0.85	1097
1.250	0.175	0.175	0.167	2.01	0.900	0.568	0.659	53,200	57,300	20,500	22,800	20,600	33.03	0.79	1182	

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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: 97,000psi (669MPa) min

Yield Strength: 90,000psi (621MPa) min

Hardness: 22HRC max

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

Other dimensions are available on request.