

Coiled Tubing CT100 2.875

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
2-7/8	2.875	0.134	0.134	0.127	3.93	2.607	1.096	5.395	115,400	124,600	7,800	8,700	3,900	277.11	6.60	6942
	2.875	0.145	0.145	0.138	4.23	2.585	1.187	5.305	124,400	134,300	8,600	9,600	4,800	272.46	6.49	7456
	2.875	0.156	0.156	0.148	4.53	2.563	1.268	5.224	133,300	143,900	9,300	10,300	6,100	267.84	6.38	7912
	2.875	0.175	0.175	0.167	5.05	2.525	1.421	5.071	148,400	160,300	10,300	11,400	7,800	259.96	6.19	8750
	2.875	0.188	0.188	0.180	5.40	2.499	1.524	4.968	158,700	171,400	11,000	12,200	9,100	254.63	6.07	9302
	2.875	0.204	0.204	0.194	5.82	2.467	1.634	4.858	171,200	184,900	12,000	13,300	10,800	248.15	5.91	9878
	2.875	0.224	0.224	0.214	6.35	2.427	1.789	4.703	186,600	201,500	13,100	14,600	13,000	240.17	5.72	10667
	2.875	0.250	0.250	0.240	7.02	2.375	1.987	4.505	206,200	222,700	14,800	16,400	15,300	229.99	5.48	11637
	2.875	0.276	0.276	0.266	7.67	2.323	2.180	4.312	225,400	243,400	15,900	17,700	16,400	220.03	5.24	12546
	2.875	0.281	0.281	0.271	7.79	2.313	2.217	4.275	229,000	247,300	16,200	18,000	16,700	218.14	5.20	12714
2.875	0.300	0.300	0.288	8.26	2.275	2.341	4.151	242,700	262,100	17,400	19,300	17,800	211.03	5.03	13269	

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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.