

Coiled Tubing CT100 3.500

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	ft.lbs	
3-1/2	3.500	0.156	0.156	0.148	5.58	3.188	1.559	8.063	163,900	177,000	7,700	8,500	3,700	414.39	9.87	12058
	3.500	0.175	0.175	0.167	6.22	3.150	1.749	7.872	182,800	197,400	8,500	9,400	4,600	404.57	9.64	13384
	3.500	0.188	0.188	0.180	6.66	3.124	1.877	7.744	195,600	211,300	9,100	10,100	5,700	397.92	9.48	14264
	3.500	0.204	0.204	0.194	7.19	3.092	2.015	7.606	211,200	228,100	9,800	10,900	7,100	389.81	9.29	15187
	3.500	0.224	0.224	0.214	7.84	3.052	2.209	7.412	230,500	249,000	10,900	12,100	8,800	379.79	9.05	16464
	3.500	0.250	0.250	0.240	8.69	3.000	2.458	7.163	255,300	275,700	12,200	13,600	11,300	366.96	8.74	18050
	3.500	0.276	0.276	0.266	9.51	2.948	2.703	6.919	279,500	301,900	13,200	14,700	13,100	354.35	8.44	19557
	3.500	0.281	0.281	0.271	9.67	2.938	2.749	6.872	284,200	306,900	13,400	14,900	13,400	351.95	8.39	19838
	3.500	0.300	0.300	0.288	10.26	2.900	2.906	6.715	301,600	325,700	14,400	16,000	14,900	342.90	8.17	20772

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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.