

Coiled Tubing CT80 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	131,100	147,500	6,100	6,800	3,400	414.39	9.87	9647
	3.500	0.175	0.175	0.167	6.22	3.150	1.749	7.872	146,200	164,500	6,800	7,500	4,300	404.57	9.64	10707
	3.500	0.188	0.188	0.180	6.66	3.124	1.877	7.744	156,500	176,100	7,300	8,100	5,100	397.92	9.48	11411
	3.500	0.204	0.204	0.194	7.19	3.092	2.015	7.606	169,000	190,100	7,900	8,800	6,200	389.81	9.29	12150
	3.500	0.224	0.224	0.214	7.84	3.052	2.209	7.412	184,400	207,500	8,600	9,600	7,600	379.79	9.05	13171
	3.500	0.250	0.250	0.240	8.69	3.000	2.458	7.163	204,200	229,700	9,800	10,900	9,600	366.96	8.74	14440
	3.500	0.276	0.276	0.266	9.51	2.948	2.703	6.919	223,600	251,600	10,500	11,700	11,000	354.35	8.44	15646
	3.500	0.281	0.281	0.271	9.67	2.938	2.749	6.872	227,300	255,800	10,700	11,900	11,200	351.95	8.39	15870
	3.500	0.300	0.300	0.288	10.26	2.900	2.906	6.715	241,300	271,400	11,500	12,800	11,900	342.90	8.17	16617

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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.