

Coiled Tubing CT80 1.750

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	
1-3/4	1.750	0.095	0.095	0.090	1.68	1.560	0.469	1.936	39,500	44,500	7,400	8,200	5,400	99.23	2.36	1426
	1.750	0.102	0.102	0.097	1.80	1.546	0.504	1.902	42,200	47,500	8,000	8,900	6,500	97.45	2.32	1519
	1.750	0.109	0.109	0.104	1.91	1.532	0.538	1.867	45,000	50,600	8,400	9,300	7,100	95.70	2.28	1609
	1.750	0.118	0.118	0.113	2.06	1.514	0.581	1.824	48,400	54,400	9,000	10,000	8,200	93.46	2.23	1721
	1.750	0.125	0.125	0.118	2.17	1.500	0.605	1.800	51,100	57,400	9,600	10,700	9,300	91.74	2.19	1781
	1.750	0.134	0.134	0.127	2.31	1.482	0.648	1.758	54,400	61,200	10,300	11,400	10,700	89.55	2.13	1887
	1.750	0.145	0.145	0.138	2.49	1.460	0.699	1.706	58,500	65,800	11,200	12,400	11,600	86.91	2.07	2012
	1.750	0.156	0.156	0.148	2.66	1.438	0.745	1.660	62,500	70,300	12,100	13,400	12,500	84.31	2.01	2120
	1.750	0.175	0.175	0.167	2.95	1.400	0.831	1.575	69,300	77,900	13,300	14,800	13,700	79.92	1.90	2314
	1.750	0.188	0.188	0.180	3.14	1.374	0.888	1.517	73,800	83,000	14,200	15,800	14,600	76.97	1.83	2438
	1.750	0.204	0.204	0.194	3.37	1.342	0.948	1.457	79,300	89,200	15,400	17,100	15,700	73.43	1.75	2564
	1.750	0.224	0.224	0.214	3.65	1.302	1.033	1.373	85,900	96,600	16,800	18,700	17,100	69.12	1.65	2731
1.750	0.250	0.250	0.240	4.01	1.250	1.139	1.267	94,200	106,000	18,800	20,900	18,900	63.71	1.52	2927	

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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.