

Coiled Tubing CT100 0.750

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	
3/4	0.750	0.080	0.080	0.076	0.57	0.590	0.161	0.281	16,800	18,200	17,600	19,500	17,900	14.19	0.34	237
	0.750	0.083	0.083	0.079	0.59	0.584	0.167	0.275	17,400	18,800	18,400	20,400	18,800	13.91	0.33	244
	0.750	0.087	0.087	0.083	0.62	0.576	0.174	0.268	18,100	19,600	19,300	21,400	19,600	13.53	0.32	252
	0.750	0.095	0.095	0.090	0.67	0.560	0.187	0.255	19,500	21,100	21,000	23,300	21,200	12.79	0.30	266
	0.750	0.102	0.102	0.097	0.71	0.546	0.199	0.243	20,800	22,400	22,600	25,100	22,800	12.16	0.29	278
	0.750	0.109	0.109	0.104	0.75	0.532	0.211	0.231	21,900	23,700	23,400	26,000	23,500	11.54	0.27	290
	0.750	0.118	0.118	0.113	0.80	0.514	0.226	0.216	23,400	25,300	25,000	27,800	25,100	10.77	0.26	304

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Chemistry Composition

C,% 0.16 max Mn,% 1.65 max P,% 0.025 max S,% 0.005 max Si,% 0.50 max

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.

Jiangsu Tube Solution Co., Ltd.

The other coiled tubing supplier

Contact: sales@tubemfg.com