

Coiled Tubing CT80 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	wpe	d	inch ²	inch ²	lb	lb	psig	psig	psig	gal	bar
3/4	0.750	0.080	0.080	0.076	0.57	0.590	0.161	0.281	13,500	15,200	14,000	15,600	14,400	14.19	0.34	190
	0.750	0.083	0.083	0.079	0.59	0.584	0.167	0.275	13,900	15,700	14,700	16,300	15,000	13.91	0.33	195
	0.750	0.087	0.087	0.083	0.62	0.576	0.174	0.268	14,500	16,300	15,400	17,100	15,700	13.53	0.32	202
	0.750	0.095	0.095	0.090	0.67	0.560	0.187	0.255	15,600	17,600	16,700	18,600	17,000	12.79	0.30	212
	0.750	0.102	0.102	0.097	0.71	0.546	0.199	0.243	16,600	18,700	18,100	20,100	18,300	12.16	0.29	223
	0.750	0.109	0.109	0.104	0.75	0.532	0.211	0.231	17,600	19,800	18,700	20,800	18,900	11.54	0.27	232
	0.750	0.118	0.118	0.113	0.80	0.514	0.226	0.216	18,700	21,100	20,100	22,300	20,100	10.77	0.26	243

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Chemistry Composition

C,% 0.16 max Mn,% 1.20 max P,% 0.020 max S,% 0.005 max Si,% 0.50 max

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.

Jiangsu Tube Solution Co., Ltd.

The other coiled tubing supplier

Contact: sales@tubemfg.com