

Coiled Tubing 13Cr 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	wpe	d	inch ²	inch ²	lb	lb	psig	psig	psig	gal	bar
1-3/4	1.750	0.095	0.095	0.090	1.65	1.560	0.469	1.936	39,500	43,500	7,400	8,200	5,400	99.23	2.36	1426
	1.750	0.102	0.102	0.097	1.77	1.546	0.504	1.902	42,200	46,500	8,000	8,900	6,500	97.45	2.32	1519
	1.750	0.109	0.109	0.104	1.88	1.532	0.538	1.867	45,000	49,500	8,400	9,300	7,100	95.70	2.28	1609
	1.750	0.118	0.118	0.113	2.02	1.514	0.581	1.824	48,400	53,200	9,000	10,000	8,200	93.46	2.23	1721
	1.750	0.125	0.125	0.118	2.14	1.500	0.605	1.800	51,100	56,200	9,600	10,700	9,300	91.74	2.19	1781
	1.750	0.134	0.134	0.127	2.28	1.482	0.648	1.758	54,400	59,900	10,300	11,400	10,700	89.55	2.13	1887
	1.750	0.145	0.145	0.138	2.45	1.460	0.699	1.706	58,500	64,300	11,200	12,400	11,600	86.91	2.07	2012
	1.750	0.156	0.156	0.148	2.61	1.438	0.745	1.660	62,500	68,700	12,100	13,400	12,500	84.31	2.01	2120
	1.750	0.175	0.175	0.167	2.90	1.400	0.831	1.575	69,300	76,200	13,300	14,800	13,700	79.92	1.90	2314
	1.750	0.188	0.188	0.180	3.09	1.374	0.888	1.517	73,800	81,200	14,200	15,800	14,600	76.97	1.83	2438
1.750	0.204	0.204	0.194	3.31	1.342	0.948	1.457	79,300	87,200	15,400	17,100	15,700	73.43	1.75	2564	

13Cr 1.750

Jiangsu Tube Solution Co., Ltd.

The other coiled tubing supplier

Chemistry Composition

C,% 0.15 max P,% 0.12 max S,% 0.03 max Cr,% 11.5 min

Contact: sales@tubemfg.com

Mechanical Properties

Tensile Strength: 88,000psi (607MPa) min

Yield Strength: 80,000psi (552MPa) min

Hardness: 290HBW or 30HRC max

Tensile strength & yield strength minimum are calculated on specified wall.

Other dimensions are available on request.