

Coiled Tubing 13Cr 1.500

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	
1-1/2	1.500	0.087	0.087	0.083	1.29	1.326	0.369	1.398	30,900	34,000	7,900	8,800	6,200	71.69	1.71	955
	1.500	0.095	0.095	0.090	1.41	1.310	0.399	1.368	33,500	36,900	8,600	9,600	7,500	69.97	1.67	1021
	1.500	0.102	0.102	0.097	1.50	1.296	0.428	1.340	35,800	39,400	9,400	10,400	8,800	68.48	1.63	1085
	1.500	0.109	0.109	0.104	1.60	1.282	0.456	1.311	38,100	41,900	9,700	10,800	9,500	67.01	1.60	1147
	1.500	0.118	0.118	0.113	1.72	1.264	0.492	1.275	41,000	45,100	10,400	11,600	10,900	65.14	1.55	1223
	1.500	0.125	0.125	0.118	1.81	1.250	0.512	1.255	43,200	47,500	11,200	12,400	11,600	63.71	1.52	1264
	1.500	0.134	0.134	0.127	1.92	1.232	0.548	1.219	46,000	50,600	11,900	13,200	12,300	61.89	1.47	1336
	1.500	0.145	0.145	0.138	2.07	1.210	0.590	1.177	49,400	54,300	13,000	14,400	13,400	59.70	1.42	1420
	1.500	0.156	0.156	0.148	2.20	1.188	0.629	1.139	52,700	58,000	14,000	15,600	14,400	57.55	1.37	1492
	1.500	0.175	0.175	0.167	2.44	1.150	0.699	1.068	58,300	64,100	15,400	17,100	15,700	53.92	1.28	1619
1.500	0.188	0.188	0.180	2.59	1.124	0.746	1.021	62,000	68,200	16,500	18,300	16,700	51.51	1.23	1700	

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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.