

Coiled Tubing 2205 UNS S31803 3.250

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	
3-1/4	3.250	0.145	0.145	0.138	4.79	2.960	1.349	6.947	113,200	134,400	6,100	6,800	3,300	357.24	8.51	7752
	3.250	0.156	0.156	0.148	5.13	2.938	1.442	6.853	121,300	144,100	6,600	7,300	4,000	351.95	8.39	8236
	3.250	0.175	0.175	0.167	5.72	2.900	1.617	6.678	135,200	160,600	7,300	8,100	5,200	342.90	8.17	9130
	3.250	0.188	0.188	0.180	6.12	2.874	1.736	6.560	144,700	171,800	7,800	8,700	6,100	336.78	8.02	9721
	3.250	0.204	0.204	0.194	6.61	2.842	1.863	6.433	156,200	185,500	8,500	9,400	7,300	329.32	7.85	10341
	3.250	0.224	0.224	0.214	7.21	2.802	2.041	6.255	170,400	202,300	9,400	10,400	8,800	320.12	7.63	11195
	3.250	0.250	0.250	0.240	7.97	2.750	2.269	6.026	188,500	223,800	10,500	11,700	10,900	308.35	7.35	12252
	3.250	0.276	0.276	0.266	8.73	2.698	2.494	5.802	206,300	245,000	11,300	12,600	11,800	296.80	7.07	13251
	3.250	0.281	0.281	0.271	8.87	2.688	2.536	5.760	209,700	249,000	11,500	12,800	11,900	294.60	7.02	13437
	3.250	0.300	0.300	0.288	9.41	2.650	2.680	5.616	222,400	264,100	12,300	13,700	12,700	286.33	6.82	14053

2205 UNS S31803 3.250

Jiangsu Tube Solution Co., Ltd.
The other coiled tubing supplier

Chemistry Composition

C,% 0.03 max Mn,% 2.00 max P,% 0.030 max S,% 0.020 max Si,% 1.00 max
Cr,% 21.0-23.0 Ni,% 4.50-6.50 Mo,% 2.50-3.50 N,% 0.08-0.20

Contact: sales@tubemfg.com

Mechanical Properties

Tensile Strength: 95,000psi (655MPa) 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.