

## Coiled Tubing 2205 UNS S32205 2.625

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 <sup>2</sup>	inch <sup>2</sup>	lb	lb	psig	psig	psig	gal	bar	ft.lbs	
2-5/8	2.625	0.145	0.145	0.138	3.83	2.335	1.078	4.334	90,400	107,300	7,600	8,400	5,600	222.31	5.30	4904
	2.625	0.156	0.156	0.148	4.10	2.313	1.152	4.260	96,800	115,000	8,100	9,000	6,700	218.14	5.20	5199
	2.625	0.175	0.175	0.167	4.56	2.275	1.290	4.122	107,800	128,000	9,000	10,000	8,200	211.03	5.03	5738
	2.625	0.188	0.188	0.180	4.87	2.249	1.383	4.029	115,100	136,700	9,600	10,700	9,300	206.23	4.91	6092
	2.625	0.204	0.204	0.194	5.25	2.217	1.482	3.930	124,100	147,400	10,400	11,600	10,900	200.40	4.77	6460
	2.625	0.224	0.224	0.214	5.72	2.177	1.621	3.791	135,200	160,500	11,400	12,700	11,900	193.24	4.60	6962
	2.625	0.250	0.250	0.240	6.31	2.125	1.798	3.614	149,200	177,200	12,900	14,300	13,300	184.12	4.39	7574
	2.625	0.276	0.276	0.266	6.89	2.073	1.971	3.441	162,900	193,500	14,000	15,500	14,300	175.22	4.17	8144
	2.625	0.281	0.281	0.271	7.00	2.063	2.004	3.408	165,500	196,600	14,100	15,700	14,500	173.53	4.13	8249
2.625	0.300	0.300	0.288	7.42	2.025	2.114	3.297	175,300	208,200	15,100	16,800	15,400	167.20	3.98	8594	

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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,% 22.0-23.0 Ni,% 4.50-6.50 Mo,% 3.00-3.50 N,% 0.14-0.20

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.