

Coiled Tubing 2205 UNS S32205 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	lb/ft	inch	inch ²	inch ²	lb	lb	psig	psig	psig	gal	bar	ft.lbs	
3/4	0.750	0.080	0.080	0.076	0.57	0.590	0.161	0.281	13,500	16,000	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	16,500	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	17,200	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	18,600	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	19,700	18,100	20,100	18,300	12.16	0.29	223

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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

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.

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

Contact: sales@tubemfg.com