

Coiled Control Line 2507 UNS S32750 0.375

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	
3/8	0.375	0.035	0.035	0.032	0.14	0.305	0.034	0.076	3,400	4,300	13,400	14,900	13,800	3.79	0.090	23
	0.375	0.049	0.049	0.044	0.18	0.277	0.046	0.065	4,500	5,800	18,500	20,500	18,700	3.13	0.075	29
	0.375	0.065	0.065	0.059	0.23	0.245	0.058	0.052	5,700	7,300	23,800	26,400	23,700	2.45	0.058	35
	0.375	0.080	0.080	0.072	0.26	0.215	0.069	0.042	6,700	8,600	28,400	31,500	27,900	1.88	0.045	38

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Chemistry Composition

C,% 0.03 max Mn,% 1.20 max P,% 0.035 max S,% 0.020 max Si,% 0.80 max
Cr,% 24.0-26.0 Ni,% 6.00-8.00 Mo,% 3.00-5.00 N,% 0.24-0.32 Cu,% 0.50 max

Mechanical Properties

Tensile Strength: 116,000psi (800MPa) min

Yield Strength: 90,000psi (621MPa) min

Hardness: 300HBW or 32HRC 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