

Chemical Injection Line 2507 UNS S32750 0.250

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
1/4	0.250	0.035	0.035	0.032	0.09	0.180	0.022	0.027	2,100	2,700	19,600	21,800	19,800	1.32	0.031	9
	0.250	0.049	0.049	0.044	0.11	0.152	0.029	0.021	2,800	3,600	26,500	29,400	26,200	0.94	0.022	11
	0.250	0.065	0.065	0.059	0.14	0.120	0.035	0.014	3,400	4,400	33,000	36,700	32,200	0.59	0.014	12

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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