

Capillary Tubes 2507 UNS S32750 0.625

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	wpe	d	inch ²	inch ²	lb	lb	psig	psig	psig	gal	bar
5/8	0.625	0.049	0.049	0.044	0.31	0.527	0.080	0.226	8,000	10,300	11,300	12,600	11,100	11.32	0.270	95
	0.625	0.065	0.065	0.059	0.40	0.495	0.104	0.203	10,300	13,300	14,900	16,500	15,200	9.99	0.238	117

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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