

Coiled Tubing 2507 UNS S32750 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 | wpe | d | inch ² | inch ² | lb | lb | psig | psig | psig | gal | bar |
| 3/4 | 0.750 | 0.080 | 0.080 | 0.076 | 0.59 | 0.590 | 0.161 | 0.281 | 15,200 | 19,500 | 15,800 | 17,500 | 16,100 | 14.19 | 0.34 | 214 |
| | 0.750 | 0.083 | 0.083 | 0.079 | 0.61 | 0.584 | 0.167 | 0.275 | 15,700 | 20,200 | 16,600 | 18,400 | 16,900 | 13.91 | 0.33 | 219 |
| | 0.750 | 0.087 | 0.087 | 0.083 | 0.64 | 0.576 | 0.174 | 0.268 | 16,300 | 21,000 | 17,300 | 19,200 | 17,600 | 13.53 | 0.32 | 227 |
| | 0.750 | 0.095 | 0.095 | 0.090 | 0.69 | 0.560 | 0.187 | 0.255 | 17,600 | 22,700 | 18,900 | 21,000 | 19,100 | 12.79 | 0.30 | 239 |
| | 0.750 | 0.102 | 0.102 | 0.097 | 0.73 | 0.546 | 0.199 | 0.243 | 18,700 | 24,100 | 20,300 | 22,600 | 20,500 | 12.16 | 0.29 | 250 |

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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

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