

Coiled Tubing CT80 2.000

| 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 |
| 2 | 2.000 | 0.109 | 0.109 | 0.104 | 2.20 | 1.782 | 0.619 | 2.522 | 51,800 | 58,300 | 7,300 | 8,100 | 5,300 | 129.48 | 3.08 | 2149 |
| | 2.000 | 0.118 | 0.118 | 0.113 | 2.37 | 1.764 | 0.670 | 2.472 | 55,800 | 62,800 | 7,900 | 8,800 | 6,200 | 126.87 | 3.02 | 2303 |
| | 2.000 | 0.125 | 0.125 | 0.118 | 2.51 | 1.750 | 0.698 | 2.444 | 58,900 | 66,300 | 8,500 | 9,400 | 7,200 | 124.87 | 2.97 | 2387 |
| | 2.000 | 0.134 | 0.134 | 0.127 | 2.67 | 1.732 | 0.747 | 2.394 | 62,800 | 70,700 | 9,000 | 10,000 | 8,200 | 122.31 | 2.91 | 2534 |
| | 2.000 | 0.145 | 0.145 | 0.138 | 2.88 | 1.710 | 0.807 | 2.334 | 67,600 | 76,100 | 9,800 | 10,900 | 9,600 | 119.23 | 2.84 | 2708 |
| | 2.000 | 0.156 | 0.156 | 0.148 | 3.08 | 1.688 | 0.861 | 2.280 | 72,300 | 81,300 | 10,600 | 11,800 | 11,100 | 116.18 | 2.77 | 2860 |
| | 2.000 | 0.175 | 0.175 | 0.167 | 3.41 | 1.650 | 0.962 | 2.180 | 80,300 | 90,300 | 11,700 | 13,000 | 12,100 | 111.01 | 2.64 | 3135 |
| | 2.000 | 0.188 | 0.188 | 0.180 | 3.64 | 1.624 | 1.029 | 2.112 | 85,600 | 96,300 | 12,500 | 13,900 | 12,900 | 107.53 | 2.56 | 3312 |
| | 2.000 | 0.204 | 0.204 | 0.194 | 3.92 | 1.592 | 1.101 | 2.041 | 92,100 | 103,600 | 13,600 | 15,100 | 13,900 | 103.34 | 2.46 | 3494 |
| | 2.000 | 0.224 | 0.224 | 0.214 | 4.25 | 1.552 | 1.201 | 1.941 | 100,000 | 112,500 | 14,900 | 16,500 | 15,200 | 98.21 | 2.34 | 3738 |
| | 2.000 | 0.250 | 0.250 | 0.240 | 4.68 | 1.500 | 1.327 | 1.815 | 110,000 | 123,700 | 16,700 | 18,500 | 16,900 | 91.74 | 2.19 | 4029 |
| | 2.000 | 0.276 | 0.276 | 0.266 | 5.09 | 1.448 | 1.449 | 1.693 | 119,600 | 134,500 | 17,900 | 19,900 | 18,100 | 85.49 | 2.04 | 4291 |
| 2.000 | 0.281 | 0.281 | 0.271 | 5.16 | 1.438 | 1.472 | 1.670 | 121,400 | 136,600 | 18,200 | 20,200 | 18,300 | 84.31 | 2.01 | 4338 | |

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

Chemistry Composition

C,% 0.16 max Mn,% 1.20 max P,% 0.020 max S,% 0.005 max Si,% 0.50 max

Contact: sales@tubemfg.com

Mechanical Properties

Tensile Strength: 88,000psi (607MPa) min

Yield Strength: 80,000psi (552MPa) min

Hardness: 22HRC max

Tensile strength & yield strength minimum are calculated on specified wall.

Other dimensions are available on request.