

## Coiled Tubing CT110 1.250

| 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 <sup>2</sup>   | inch <sup>2</sup> | lb             | lb          | psig                    | psig                | psig              | gal                          | bar   | ft.lbs          |      |
| 1-1/4       | 1.250 | 0.075          | 0.075 | 0.071                | 0.94                       | 1.100               | 0.263             | 0.964          | 30,500      | 31,800                  | 11,200              | 12,400            | 7,900                        | 49.34 | 1.18            | 777  |
|             | 1.250 | 0.080          | 0.080 | 0.076                | 1.00                       | 1.090               | 0.280             | 0.947          | 32,300      | 33,800                  | 11,700              | 13,000            | 9,000                        | 48.44 | 1.15            | 821  |
|             | 1.250 | 0.087          | 0.087 | 0.083                | 1.08                       | 1.076               | 0.304             | 0.923          | 35,000      | 36,600                  | 13,000              | 14,400            | 11,200                       | 47.21 | 1.12            | 882  |
|             | 1.250 | 0.095          | 0.095 | 0.090                | 1.17                       | 1.060               | 0.328             | 0.899          | 37,900      | 39,600                  | 14,100              | 15,700            | 13,400                       | 45.81 | 1.09            | 940  |
|             | 1.250 | 0.102          | 0.102 | 0.097                | 1.25                       | 1.046               | 0.351             | 0.876          | 40,500      | 42,300                  | 15,300              | 17,000            | 15,600                       | 44.61 | 1.06            | 996  |
|             | 1.250 | 0.109          | 0.109 | 0.104                | 1.33                       | 1.032               | 0.374             | 0.853          | 43,000      | 44,900                  | 15,900              | 17,700            | 16,500                       | 43.42 | 1.03            | 1049 |
|             | 1.250 | 0.118          | 0.118 | 0.113                | 1.43                       | 1.014               | 0.404             | 0.824          | 46,200      | 48,300                  | 17,100              | 19,000            | 17,600                       | 41.92 | 1.00            | 1115 |
|             | 1.250 | 0.125          | 0.125 | 0.118                | 1.50                       | 1.000               | 0.420             | 0.808          | 48,600      | 50,800                  | 18,300              | 20,300            | 18,800                       | 40.77 | 0.97            | 1151 |
|             | 1.250 | 0.134          | 0.134 | 0.127                | 1.60                       | 0.982               | 0.448             | 0.779          | 51,700      | 54,000                  | 19,400              | 21,600            | 19,900                       | 39.32 | 0.94            | 1211 |
|             | 1.250 | 0.145          | 0.145 | 0.138                | 1.71                       | 0.960               | 0.482             | 0.745          | 55,400      | 57,900                  | 21,200              | 23,500            | 21,500                       | 37.58 | 0.90            | 1281 |
|             | 1.250 | 0.156          | 0.156 | 0.148                | 1.82                       | 0.938               | 0.512             | 0.715          | 59,000      | 61,700                  | 22,900              | 25,400            | 23,100                       | 35.87 | 0.85            | 1341 |
| 1.250       | 0.175 | 0.175          | 0.167 | 2.01                 | 0.900                      | 0.568               | 0.659             | 65,000         | 68,000      | 25,000                  | 27,800              | 25,200            | 33.03                        | 0.79  | 1444            |      |

CT110 1.250

Jiangsu Tube Solution Co., Ltd.

The other coiled tubing supplier

### Chemistry Composition

C,% 0.16 max Mn,% 1.65 max P,% 0.025 max S,% 0.005 max Si,% 0.50 max

Contact: sales@tubemfg.com

### Mechanical Properties

Tensile Strength: 115,000psi (793MPa) min

Yield Strength: 110,000psi (758MPa) min

Hardness: 290HBW or 30HRC max

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

Other dimensions are available on request.