

Capillary Tubes Incoloy 825 UNS N08825 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 | lb/ft | inch | inch ² | inch ² | lb | lb | psig | psig | psig | gal | bar | ft.lbs | |
| 5/8 | 0.625 | 0.049 | 0.049 | 0.044 | 0.32 | 0.527 | 0.080 | 0.089 | 0.226 | 40,000 | 70,000 | 3,500 | 6,200 | 5,000 | 5,600 | 5,300 |
| | 0.625 | 0.065 | 0.065 | 0.059 | 0.41 | 0.495 | 0.104 | 0.114 | 0.203 | 40,000 | 70,000 | 4,600 | 8,000 | 6,600 | 7,300 | 6,800 |

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Chemistry Composition

C,% 0.05 max Mn,% 1.00 max S,% 0.030 max Si,% 0.50 max Cu,% 1.50-3.00
 Cr,% 19.5-23.5 Ni,% 38.0-46.0 Mo,% 2.50-3.50 Fe,% 22.0 min Al,% 0.20 max
 Ti,% 0.60-1.20

Mechanical Properties

Tensile Strength: 70,000psi (483MPa) min

Yield Strength: 40,000psi (276MPa) min

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