

**5½ in 17 lb/ft TX22-125 (S31803)****Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

|                        |          |
|------------------------|----------|
| Nominal OD             | 5.500 in |
| Nominal ID             | 4.892 in |
| Min. Yield Strength    | 125 ksi  |
| Nominal Wall Thickness | 0.304 in |
| Minimum Wall Thickness | 90 %     |
| Drift                  | 4.767 in |

**CONNECTION PROPERTIES**

|                              |               |
|------------------------------|---------------|
| Coupling OD (nominal)        | 5.970 in      |
| Coupling ID (nominal)        | 4.856 in      |
| Make-up Loss                 | 4.413 in      |
| Coupling Length              | 10.748 in     |
| Tension Efficiency           | 100 % of pipe |
| Compression Efficiency       | 100 % of pipe |
| Internal Pressure Efficiency | 100 % of pipe |
| External Pressure Efficiency | 100 % of pipe |

**CONNECTION PERFORMANCE**

|                                   |             |
|-----------------------------------|-------------|
| Tensile Yield Load                | 620 klb     |
| Compression Yield Load            | 496 klb     |
| Internal Yield Pressure           | 12 440 psi  |
| External Pressure Resistance      | 7 890 psi   |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face        | 205 klb     |

**TORQUE VALUES**

|                            |              |
|----------------------------|--------------|
| Minimum Make-up torque     | 8 160 ft·lb  |
| Optimum Make-up torque     | 9 070 ft·lb  |
| Maximum Make-up torque     | 9 980 ft·lb  |
| Minimum Shoulder Torque    | 460 ft·lb    |
| Maximum Shoulder Torque    | 6 350 ft·lb  |
| Maximum Operational Torque | 10 890 ft·lb |

**Connection qualified as per ISO 13679:2002 - CAL IV**[www.sentinelconnections.com](http://www.sentinelconnections.com)

PCTDS-SENTINEL\_One-5.5-17-TX22-125

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**TUBACEX**  
GROUP