

**5 in 15 lb/ft TX28-110 (N08028)****Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

|                        |          |
|------------------------|----------|
| Nominal OD             | 5.000 in |
| Nominal ID             | 4.408 in |
| Min. Yield Strength    | 110 ksi  |
| Nominal Wall Thickness | 0.296 in |
| Minimum Wall Thickness | 90 %     |
| Drift                  | 4.283 in |

**CONNECTION PROPERTIES**

|                              |               |
|------------------------------|---------------|
| Coupling OD (nominal)        | 5.470 in      |
| Coupling ID (nominal)        | 4.344 in      |
| Make-up Loss                 | 4.191 in      |
| Coupling Length              | 10.394 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                | 481 klb     |
| Compression Yield Load            | 385 klb     |
| Internal Yield Pressure           | 11 720 psi  |
| External Pressure Resistance      | 8 850 psi   |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face        | 177 klb     |

**TORQUE VALUES**

|                            |             |
|----------------------------|-------------|
| Minimum Make-up torque     | 6 040 ft·lb |
| Optimum Make-up torque     | 6 710 ft·lb |
| Maximum Make-up torque     | 7 380 ft·lb |
| Minimum Shoulder Torque    | 340 ft·lb   |
| Maximum Shoulder Torque    | 4 700 ft·lb |
| Maximum Operational Torque | 8 050 ft·lb |

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

PCTDS-SENTINEL\_One-5-15-TX28-110

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**TUBACEX**  
GROUP