

**5½ in 20 lb/ft TX25NP-125 (S32750)****Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

|                        |          |
|------------------------|----------|
| Nominal OD             | 5.500 in |
| Nominal ID             | 4.778 in |
| Min. Yield Strength    | 125 ksi  |
| Nominal Wall Thickness | 0.361 in |
| Minimum Wall Thickness | 90 %     |
| Drift                  | 4.653 in |

**CONNECTION PROPERTIES**

|                              |               |
|------------------------------|---------------|
| Coupling OD (nominal)        | 6.071 in      |
| Coupling ID (nominal)        | 4.785 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                | 729 klb     |
| Compression Yield Load            | 583 klb     |
| Internal Yield Pressure           | 14 770 psi  |
| External Pressure Resistance      | 12 080 psi  |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face        | 299 klb     |

**TORQUE VALUES**

|                            |              |
|----------------------------|--------------|
| Minimum Make-up torque     | 10 750 ft·lb |
| Optimum Make-up torque     | 11 950 ft·lb |
| Maximum Make-up torque     | 13 140 ft·lb |
| Minimum Shoulder Torque    | 600 ft·lb    |
| Maximum Shoulder Torque    | 8 360 ft·lb  |
| Maximum Operational Torque | 14 340 ft·lb |

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

PCTDS-SENTINEL\_One-5.5-20-TX25NP-125

Date of issue (dd/mm/yyyy): 07/02/2025

**TUBACEX**  
GROUP