

## 7 in 38 lb/ft TX25NP-125 (S32750)

Box end finish: Cu-Plating Lubrication: API-Modified

Clearance: Standard Bevel: 45°

### PIPE BODY CHARACTERISTICS

|                        |          |
|------------------------|----------|
| Nominal OD             | 7.000 in |
| Nominal ID             | 5.920 in |
| Min. Yield Strength    | 125 ksi  |
| Nominal Wall Thickness | 0.540 in |
| Minimum Wall Thickness | 90 %     |
| Drift                  | 5.759 in |

### CONNECTION PROPERTIES

|                              |               |
|------------------------------|---------------|
| Coupling OD (nominal)        | 7.880 in      |
| Coupling ID (nominal)        | 5.848 in      |
| Make-up Loss                 | 4.761 in      |
| Coupling Length              | 11.535 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                | 1 370 klb   |
| Compression Yield Load            | 1 096 klb   |
| Internal Yield Pressure           | 17 360 psi  |
| External Pressure Resistance      | 16 740 psi  |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face        | 772 klb     |

### TORQUE VALUES

|                            |              |
|----------------------------|--------------|
| Minimum Make-up torque     | 20 840 ft·lb |
| Optimum Make-up torque     | 23 160 ft·lb |
| Maximum Make-up torque     | 25 480 ft·lb |
| Minimum Shoulder Torque    | 1 160 ft·lb  |
| Maximum Shoulder Torque    | 1 160 ft·lb  |
| Maximum Operational Torque | 23 160 ft·lb |

Connection qualified as per ISO 13679:2002 - CAL IV



[www.sentinelconnections.com](http://www.sentinelconnections.com)

PCTDS-SENTINEL\_One-7-38-TX25NP-125

Date of issue (dd/mm/yyyy): 31/10/2024

**TUBACEX**  
GROUP