

4½ in 11.6 lb/ft TX25NP-125 (S32750)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

| | |
|------------------------|----------|
| Nominal OD | 4.500 in |
| Nominal ID | 4.000 in |
| Min. Yield Strength | 125 ksi |
| Nominal Wall Thickness | 0.250 in |
| Minimum Wall Thickness | 90 % |
| Drift | 3.875 in |

CONNECTION PROPERTIES

| | |
|------------------------------|---------------|
| Coupling OD (nominal) | 4.902 in |
| Coupling ID (nominal) | 3.952 in |
| Make-up Loss | 3.342 in |
| Coupling Length | 7.441 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 | 417 klb |
| Compression Yield Load | 334 klb |
| Internal Yield Pressure | 12 500 psi |
| External Pressure Resistance | 8 000 psi |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face | 161 klb |

TORQUE VALUES

| | |
|----------------------------|-------------|
| Minimum Make-up torque | 4 380 ft·lb |
| Optimum Make-up torque | 4 870 ft·lb |
| Maximum Make-up torque | 5 350 ft·lb |
| Minimum Shoulder Torque | 240 ft·lb |
| Maximum Shoulder Torque | 3 410 ft·lb |
| Maximum Operational Torque | 5 840 ft·lb |

Connection qualified as per ISO 13679:2002 - CAL IVwww.sentinelconnections.com

PCTDS-SENTINEL_One-4.5-11.6-TX25NP-125

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TUBACEX
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