

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) | 6.098 in |
| Coupling ID (nominal) | 4.709 in |
| Make-up Loss | 4.535 in |
| Coupling Length | 10.472 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 | 328 klb |

TORQUE VALUES

| | |
|----------------------------|--------------|
| Minimum Make-up torque | 12 370 ft-lb |
| Optimum Make-up torque | 13 740 ft-lb |
| Maximum Make-up torque | 15 110 ft-lb |
| Minimum Shoulder Torque | 690 ft-lb |
| Maximum Shoulder Torque | 9 620 ft-lb |
| Maximum Operational Torque | 13 740 ft-lb |

Connection qualified as per API RP 5C5 4th edition (2017) - CAL IV



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PCTDS-SENTINEL_Prime-5.5-20-TX25NP-125

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

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