

7 in 29 lb/ft TX28-125 (N08028)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

| | |
|------------------------|----------|
| Nominal OD | 7.000 in |
| Nominal ID | 6.184 in |
| Min. Yield Strength | 125 ksi |
| Nominal Wall Thickness | 0.408 in |
| Minimum Wall Thickness | 90 % |
| Drift | 6.059 in |

CONNECTION PROPERTIES

| | |
|------------------------------|---------------|
| Coupling OD (nominal) | 7.661 in |
| Coupling ID (nominal) | 6.122 in |
| Make-up Loss | 4.954 in |
| Coupling Length | 11.339 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 | 1 056 klb |
| Compression Yield Load | 845 klb |
| Internal Yield Pressure | 13 110 psi |
| External Pressure Resistance | 9 110 psi |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face | 518 klb |

TORQUE VALUES

| | |
|----------------------------|--------------|
| Minimum Make-up torque | 22 020 ft-lb |
| Optimum Make-up torque | 24 470 ft-lb |
| Maximum Make-up torque | 26 910 ft-lb |
| Minimum Shoulder Torque | 1 220 ft-lb |
| Maximum Shoulder Torque | 17 130 ft-lb |
| Maximum Operational Torque | 24 470 ft-lb |

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



www.sentinelconnections.com

PCTDS-SENTINEL_Prime-7-29-TX28-125

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

TUBACEX
GROUP