

Technical Datasheet
7 in 29 lb/ft T95 (API 5CT)
Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

| | |
|------------------------|----------|
| Nominal OD | 7.000 in |
| Nominal ID | 6.184 in |
| Min. Yield Strength | 95 ksi |
| Nominal Wall Thickness | 0.408 in |
| Minimum Wall Thickness | 87.5 % |
| Drift | 6.059 in |

CONNECTION PROPERTIES

| | |
|------------------------------|---------------|
| Coupling OD (nominal) | 7.661 in |
| Coupling ID (nominal) | 6.120 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 | 802 klb |
| Compression Yield Load | 802 klb |
| Internal Yield Pressure | 9 690 psi |
| External Pressure Resistance | 7 840 psi |
| Max. Bending with Sealability | 45 °/100 ft |
| Max. Structural Bending | 62 °/100 ft |
| Max. Load on Coupling Face | 492 klb |

TORQUE VALUES

| | |
|----------------------------|--------------|
| Minimum Make-up torque | 18 700 ft-lb |
| Optimum Make-up torque | 20 780 ft-lb |
| Maximum Make-up torque | 22 860 ft-lb |
| Minimum Shoulder Torque | 1 040 ft-lb |
| Maximum Shoulder Torque | 14 540 ft-lb |
| Maximum Operational Torque | 26 320 ft-lb |

Box end finish: Mn-Phosphating Pin end finish: As machined Lubrication: API-Modified

