

7⁵/₈ in 33.7 lb/ft S13Cr-95 (UNS S41425)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

| | |
|------------------------|----------|
| Nominal OD | 7.625 in |
| Nominal ID | 6.765 in |
| Min. Yield Strength | 95 ksi |
| Nominal Wall Thickness | 0.430 in |
| Minimum Wall Thickness | 87.5 % |
| Drift | 6.640 in |

CONNECTION PROPERTIES

| | |
|------------------------------|---------------|
| Coupling OD (nominal) | 8.305 in |
| Coupling ID (nominal) | 6.704 in |
| Make-up Loss | 5.220 in |
| Coupling Length | 11.732 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 | 923 klb |
| Compression Yield Load | 923 klb |
| Internal Yield Pressure | 9 380 psi |
| External Pressure Resistance | 7 280 psi |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face | 535 klb |

TORQUE VALUES

| | |
|----------------------------|--------------|
| Minimum Make-up torque | 16 150 ft·lb |
| Optimum Make-up torque | 17 950 ft·lb |
| Maximum Make-up torque | 19 740 ft·lb |
| Minimum Shoulder Torque | 900 ft·lb |
| Maximum Shoulder Torque | 12 560 ft·lb |
| Maximum Operational Torque | 21 540 ft·lb |

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-7.625-33.7-S13Cr-95

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