

5½ in 15.5 lb/ft L80 Type 1 (API 5CT)

Box end finish: Mang. Phosph. Lubrication: API-Modified

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

| | |
|------------------------|----------|
| Nominal OD | 5.500 in |
| Nominal ID | 4.950 in |
| Min. Yield Strength | 80 ksi |
| Nominal Wall Thickness | 0.275 in |
| Minimum Wall Thickness | 87.5 % |
| Drift | 4.825 in |

CONNECTION PROPERTIES

| | |
|------------------------------|---------------|
| Coupling OD (nominal) | 5.929 in |
| Coupling ID (nominal) | 4.911 in |
| Make-up Loss | 4.413 in |
| Coupling Length | 10.748 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 | 361 klb |
| Compression Yield Load | 361 klb |
| Internal Yield Pressure | 7 000 psi |
| External Pressure Resistance | 4 990 psi |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face | 134 klb |

TORQUE VALUES

| | |
|----------------------------|-------------|
| Minimum Make-up torque | 4 850 ft·lb |
| Optimum Make-up torque | 5 380 ft·lb |
| Maximum Make-up torque | 5 920 ft·lb |
| Minimum Shoulder Torque | 270 ft·lb |
| Maximum Shoulder Torque | 3 770 ft·lb |
| Maximum Operational Torque | 6 460 ft·lb |

Connection qualified as per ISO 13679:2002 - CAL IV

