

## Technical Datasheet

### 5½ in 20 lb/ft P110 (API 5CT)

Clearance: Standard Bevel: 45°

#### PIPE BODY CHARACTERISTICS

|                        |          |
|------------------------|----------|
| Nominal OD             | 5.500 in |
| Nominal ID             | 4.778 in |
| Min. Yield Strength    | 110 ksi  |
| Nominal Wall Thickness | 0.361 in |
| Minimum Wall Thickness | 87.5 %   |
| Drift                  | 4.653 in |

#### CONNECTION PROPERTIES

|                              |               |
|------------------------------|---------------|
| Coupling OD (nominal)        | 6.098 in      |
| Coupling ID (nominal)        | 4.711 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            | 641 klb     |
| Compression Yield Load        | 641 klb     |
| Internal Yield Pressure       | 13 000 psi  |
| External Pressure Resistance  | 11 100 psi  |
| Max. Bending with Sealability | 58 °/100 ft |
| Max. Structural Bending       | 92 °/100 ft |
| Max. Load on Coupling Face    | 387 klb     |

#### TORQUE VALUES

|                            |              |
|----------------------------|--------------|
| Minimum Make-up torque     | 8 890 ft-lb  |
| Optimum Make-up torque     | 9 880 ft-lb  |
| Maximum Make-up torque     | 10 860 ft-lb |
| Minimum Shoulder Torque    | 490 ft-lb    |
| Maximum Shoulder Torque    | 6 920 ft-lb  |
| Maximum Operational Torque | 11 950 ft-lb |

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



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

**TUBACEX**  
GROUP