

## 5½ in 17 lb/ft P110 (API 5CT)

**Box end finish: Mang. Phosph. Lubrication: API-Modified**  
**Clearance: Standard Bevel: 45°**

### PIPE BODY CHARACTERISTICS

|                        |          |
|------------------------|----------|
| Nominal OD             | 5.500 in |
| Nominal ID             | 4.892 in |
| Min. Yield Strength    | 110 ksi  |
| Nominal Wall Thickness | 0.304 in |
| Minimum Wall Thickness | 87.5 %   |
| Drift                  | 4.767 in |

### CONNECTION PROPERTIES

|                              |               |
|------------------------------|---------------|
| Coupling OD (nominal)        | 5.970 in      |
| Coupling ID (nominal)        | 4.859 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                | 546 klb     |
| Compression Yield Load            | 546 klb     |
| Internal Yield Pressure           | 10 940 psi  |
| External Pressure Resistance      | 7 480 psi   |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face        | 226 klb     |

### TORQUE VALUES

|                            |              |
|----------------------------|--------------|
| Minimum Make-up torque     | 7 500 ft·lb  |
| Optimum Make-up torque     | 8 330 ft·lb  |
| Maximum Make-up torque     | 9 170 ft·lb  |
| Minimum Shoulder Torque    | 420 ft·lb    |
| Maximum Shoulder Torque    | 5 830 ft·lb  |
| Maximum Operational Torque | 10 000 ft·lb |

**Connection qualified as per ISO 13679:2002 - CAL IV**

