

## 5 in 24.1lb/ft P110 (API 5CT)

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

Clearance: Standard Bevel: 45°

### PIPE BODY CHARACTERISTICS

Nominal OD	5.000 in
Nominal ID	4.000 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.500 in
Minimum Wall Thickness	87.5 %
Drift	3.875 in

### CONNECTION PROPERTIES

Coupling OD (nominal)	5.781 in
Coupling ID (nominal)	3.943 in
Make-up Loss	4.191 in
Coupling Length	10.394 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	778 klb
Compression Yield Load	778 klb
Internal Yield Pressure	19 800 psi
External Pressure Resistance	19 800 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	521 klb

### TORQUE VALUES

Minimum Make-up torque	14 340 ft·lb
Optimum Make-up torque	15 930 ft·lb
Maximum Make-up torque	17 520 ft·lb
Minimum Shoulder Torque	800 ft·lb
Maximum Shoulder Torque	11 150 ft·lb
Maximum Operational Torque	19 120 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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