

## 5 in 21.4 lb/ft L80 13Cr (API 5CT)

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

Clearance: Standard Bevel: 45°

### PIPE BODY CHARACTERISTICS

Nominal OD	5.000 in
Nominal ID	4.126 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.437 in
Minimum Wall Thickness	87.5 %
Drift	4.001 in

### CONNECTION PROPERTIES

Coupling OD (nominal)	5.691 in
Coupling ID (nominal)	4.069 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	501 klb
Compression Yield Load	501 klb
Internal Yield Pressure	12 240 psi
External Pressure Resistance	12 760 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	314 klb

### TORQUE VALUES

Minimum Make-up torque	9 430 ft·lb
Optimum Make-up torque	10 470 ft·lb
Maximum Make-up torque	11 520 ft·lb
Minimum Shoulder Torque	520 ft·lb
Maximum Shoulder Torque	7 330 ft·lb
Maximum Operational Torque	12 570 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL\_One-5-21.4-L80 13Cr

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