

5½ in 23 lb/ft L80 13Cr (API 5CT)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.500 in
Nominal ID	4.670 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.415 in
Minimum Wall Thickness	87.5 %
Drift	4.545 in

CONNECTION PROPERTIES

Coupling OD (nominal)	6.156 in
Coupling ID (nominal)	4.607 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	530 klb
Compression Yield Load	530 klb
Internal Yield Pressure	10 560 psi
External Pressure Resistance	11 160 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	304 klb

TORQUE VALUES

Minimum Make-up torque	9 760 ft·lb
Optimum Make-up torque	10 840 ft·lb
Maximum Make-up torque	11 930 ft·lb
Minimum Shoulder Torque	550 ft·lb
Maximum Shoulder Torque	7 590 ft·lb
Maximum Operational Torque	13 010 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-5.5-23-L80 13Cr

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