

5½ in 15.5 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	4.950 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.275 in
Minimum Wall Thickness	87.5 %
Drift	4.825 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.929 in
Coupling ID (nominal)	4.911 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	361 klb
Compression Yield Load	361 klb
Internal Yield Pressure	7 000 psi
External Pressure Resistance	4 990 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	134 klb

TORQUE VALUES

Minimum Make-up torque	4 850 ft·lb
Optimum Make-up torque	5 380 ft·lb
Maximum Make-up torque	5 920 ft·lb
Minimum Shoulder Torque	270 ft·lb
Maximum Shoulder Torque	3 770 ft·lb
Maximum Operational Torque	6 460 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV

