

5 in 21.4 lb/ft L80 Type 1 (API 5CT)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.000 in
Nominal ID	4.126 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

