

5½ in 20 lb/ft L80 Type 1 (API 5CT)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.500 in
Nominal ID	4.778 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.361 in
Minimum Wall Thickness	87.5 %
Drift	4.653 in

CONNECTION PROPERTIES

Coupling OD (nominal)	6.071 in
Coupling ID (nominal)	4.789 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	466 klb
Compression Yield Load	466 klb
Internal Yield Pressure	9 190 psi
External Pressure Resistance	8 830 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	239 klb

TORQUE VALUES

Minimum Make-up torque	7 830 ft·lb
Optimum Make-up torque	8 700 ft·lb
Maximum Make-up torque	9 570 ft·lb
Minimum Shoulder Torque	440 ft·lb
Maximum Shoulder Torque	6 090 ft·lb
Maximum Operational Torque	10 440 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV

