

5½ in 17 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	4.892 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.304 in
Minimum Wall Thickness	87.5 %
Drift	4.767 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.970 in
Coupling ID (nominal)	4.859 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	397 klb
Compression Yield Load	397 klb
Internal Yield Pressure	7 740 psi
External Pressure Resistance	6 290 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	164 klb

TORQUE VALUES

Minimum Make-up torque	5 910 ft·lb
Optimum Make-up torque	6 560 ft·lb
Maximum Make-up torque	7 220 ft·lb
Minimum Shoulder Torque	330 ft·lb
Maximum Shoulder Torque	4 600 ft·lb
Maximum Operational Torque	7 880 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV

