

Technical Datasheet

10¾ in 55.5 lb/ft L80 Type 1 (API 5CT)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	10.750 in
Nominal ID	9.760 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.495 in
Minimum Wall Thickness	87.5 %
Drift	9.625 in

CONNECTION PROPERTIES

Coupling OD (nominal)	11.594 in
Coupling ID (nominal)	9.740 in
Make-up Loss	5.512 in
Coupling Length	12.913 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	1 276 klb
Compression Yield Load	1 276 klb
Internal Yield Pressure	6 450 psi
External Pressure Resistance	4 020 psi
Max. Bending with Sealability	24 °/100 ft
Max. Structural Bending	34 °/100 ft
Max. Load on Coupling Face	829 klb

TORQUE VALUES

Minimum Make-up torque	27 220 ft-lb
Optimum Make-up torque	30 240 ft-lb
Maximum Make-up torque	33 260 ft-lb
Minimum Shoulder Torque	1 510 ft-lb
Maximum Shoulder Torque	21 170 ft-lb
Maximum Operational Torque	38 250 ft-lb

Box end finish: Cu-Plating Pin end finish: As machined Lubrication: API-Modified

