

Technical Datasheet

9⁵/₈ in 43.5 lb/ft L80 Type 1 (API 5CT)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	9.625 in
Nominal ID	8.755 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.435 in
Minimum Wall Thickness	87.5 %
Drift	8.599 in

CONNECTION PROPERTIES

Coupling OD (nominal)	10.441 in
Coupling ID (nominal)	8.706 in
Make-up Loss	5.487 in
Coupling Length	12.795 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	1 005 klb
Compression Yield Load	1 005 klb
Internal Yield Pressure	6 330 psi
External Pressure Resistance	3 810 psi
Max. Bending with Sealability	28 °/100 ft
Max. Structural Bending	38 °/100 ft
Max. Load on Coupling Face	678 klb

TORQUE VALUES

Minimum Make-up torque	17 220 ft-lb
Optimum Make-up torque	19 140 ft-lb
Maximum Make-up torque	21 050 ft-lb
Minimum Shoulder Torque	960 ft-lb
Maximum Shoulder Torque	13 390 ft-lb
Maximum Operational Torque	24 210 ft-lb

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

