

Technical Datasheet

10¾ in 55.5 lb/ft P110 (API 5CT)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	10.750 in
Nominal ID	9.760 in
Min. Yield Strength	110 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	1 754 klb
Compression Yield Load	1 754 klb
Internal Yield Pressure	9 120 psi
External Pressure Resistance	4 610 psi
Max. Bending with Sealability	30 °/100 ft
Max. Structural Bending	47 °/100 ft
Max. Load on Coupling Face	1 139 klb

TORQUE VALUES

Minimum Make-up torque	33 060 ft-lb
Optimum Make-up torque	36 730 ft-lb
Maximum Make-up torque	40 400 ft-lb
Minimum Shoulder Torque	1 840 ft-lb
Maximum Shoulder Torque	25 710 ft-lb
Maximum Operational Torque	42 240 ft-lb

Box end finish: Mn-Phosphating Pin end finish: As machined Lubrication: API-Modified



Connection qualified as per API RP 5C5 4th edition (2017) - CAL IV

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