

5 in 15 lb/ft P110 (API 5CT)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.000 in
Nominal ID	4.408 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.296 in
Minimum Wall Thickness	87.5 %
Drift	4.283 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.470 in
Coupling ID (nominal)	4.348 in
Make-up Loss	4.191 in
Coupling Length	10.394 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	481 klb
Compression Yield Load	481 klb
Internal Yield Pressure	11 720 psi
External Pressure Resistance	8 850 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	221 klb

TORQUE VALUES

Minimum Make-up torque	6 040 ft·lb
Optimum Make-up torque	6 710 ft·lb
Maximum Make-up torque	7 380 ft·lb
Minimum Shoulder Torque	340 ft·lb
Maximum Shoulder Torque	4 700 ft·lb
Maximum Operational Torque	8 050 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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