

4½ in 13.5 lb/ft P110 (API 5CT)

Box end finish: Mang. Phosph. Lubrication: API-Modified
Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	4.500 in
Nominal ID	3.920 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.290 in
Minimum Wall Thickness	87.5 %
Drift	3.795 in

CONNECTION PROPERTIES

Coupling OD (nominal)	4.969 in
Coupling ID (nominal)	3.877 in
Make-up Loss	3.342 in
Coupling Length	7.441 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	422 klb
Compression Yield Load	422 klb
Internal Yield Pressure	12 760 psi
External Pressure Resistance	10 690 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	234 klb

TORQUE VALUES

Minimum Make-up torque	5 180 ft·lb
Optimum Make-up torque	5 750 ft·lb
Maximum Make-up torque	6 330 ft·lb
Minimum Shoulder Torque	290 ft·lb
Maximum Shoulder Torque	4 030 ft·lb
Maximum Operational Torque	6 900 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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