

4½ in 17 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	3.740 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.380 in
Minimum Wall Thickness	87.5 %
Drift	.3615 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.110 in
Coupling ID (nominal)	3.791 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	541 klb
Compression Yield Load	541 klb
Internal Yield Pressure	16 720 psi
External Pressure Resistance	17 010 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	355 klb

TORQUE VALUES

Minimum Make-up torque	7 630 ft·lb
Optimum Make-up torque	8 480 ft·lb
Maximum Make-up torque	9 330 ft·lb
Minimum Shoulder Torque	430 ft·lb
Maximum Shoulder Torque	5 940 ft·lb
Maximum Operational Torque	10 180 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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