

7⁵/₈ in 42.8 lb/ft P110 (API 5CT)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	7.625 in
Nominal ID	6.501 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.562 in
Minimum Wall Thickness	87.5 %
Drift	6.375 in

CONNECTION PROPERTIES

Coupling OD (nominal)	8.518 in
Coupling ID (nominal)	6.483 in
Make-up Loss	5.220 in
Coupling Length	11.732 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	1 371 klb
Compression Yield Load	1 371 klb
Internal Yield Pressure	14 590 psi
External Pressure Resistance	13 930 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	926 klb

TORQUE VALUES

Minimum Make-up torque	25 700 ft·lb
Optimum Make-up torque	28 560 ft·lb
Maximum Make-up torque	31 420 ft·lb
Minimum Shoulder Torque	1 430 ft·lb
Maximum Shoulder Torque	20 000 ft·lb
Maximum Operational Torque	34 280 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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