

7½ in 42.8 lb/ft TX28-110 (N08028)**Box end finish: Cu-Plating 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	90 %
Drift	6.375 in

CONNECTION PROPERTIES

Coupling OD (nominal)	8.518 in
Coupling ID (nominal)	6.479 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	1 097 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	741 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 IVwww.sentinelconnections.com

PCTDS-SENTINEL_One-7.625-42.8-TX28-110

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