

5 in 21.4 lb/ft TX28-110 (N08028)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	5.000 in
Nominal ID	4.126 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.437 in
Minimum Wall Thickness	90 %
Drift	4.001 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.691 in
Coupling ID (nominal)	4.065 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	689 klb
Compression Yield Load	551 klb
Internal Yield Pressure	17 310 psi
External Pressure Resistance	17 550 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	345 klb

TORQUE VALUES

Minimum Make-up torque	11 750 ft·lb
Optimum Make-up torque	13 050 ft·lb
Maximum Make-up torque	14 360 ft·lb
Minimum Shoulder Torque	660 ft·lb
Maximum Shoulder Torque	9 140 ft·lb
Maximum Operational Torque	15 670 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IVwww.sentinelconnections.com

PCTDS-SENTINEL_One-5-21.4-TX28-110

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