

4½ in 15.1 lb/ft TX25NP-125 (S32750)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	4.500 in
Nominal ID	3.826 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.337 in
Minimum Wall Thickness	90 %
Drift	3.701 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.043 in
Coupling ID (nominal)	3.818 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	551 klb
Compression Yield Load	441 klb
Internal Yield Pressure	16 850 psi
External Pressure Resistance	15 830 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	270 klb

TORQUE VALUES

Minimum Make-up torque	6 900 ft·lb
Optimum Make-up torque	7 670 ft·lb
Maximum Make-up torque	8 440 ft·lb
Minimum Shoulder Torque	380 ft·lb
Maximum Shoulder Torque	5 370 ft·lb
Maximum Operational Torque	9 200 ft·lb

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

PCTDS-SENTINEL_One-4.5-15.1-TX25NP-125

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