

4½ in 18.9 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	3.640 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.430 in
Minimum Wall Thickness	90 %
Drift	3.515 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.185 in
Coupling ID (nominal)	3.735 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	687 klb
Compression Yield Load	550 klb
Internal Yield Pressure	21 500 psi
External Pressure Resistance	21 610 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	383 klb

TORQUE VALUES

Minimum Make-up torque	9 760 ft·lb
Optimum Make-up torque	10 840 ft·lb
Maximum Make-up torque	11 930 ft·lb
Minimum Shoulder Torque	550 ft·lb
Maximum Shoulder Torque	7 590 ft·lb
Maximum Operational Torque	13 010 ft·lb

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

PCTDS-SENTINEL_One-4.5-18.9-TX25NP-125

Date of issue (dd/mm/yyyy): 07/02/2025

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