

4½ in 13.5 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	3.920 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.290 in
Minimum Wall Thickness	90 %
Drift	3.795 in

CONNECTION PROPERTIES

Coupling OD (nominal)	4.969 in
Coupling ID (nominal)	3.873 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	480 klb
Compression Yield Load	384 klb
Internal Yield Pressure	14 500 psi
External Pressure Resistance	11 600 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	212 klb

TORQUE VALUES

Minimum Make-up torque	5 580 ft·lb
Optimum Make-up torque	6 200 ft·lb
Maximum Make-up torque	6 820 ft·lb
Minimum Shoulder Torque	310 ft·lb
Maximum Shoulder Torque	4 340 ft·lb
Maximum Operational Torque	7 430 ft·lb

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

PCTDS-SENTINEL_One-4.5-13.5-TX25NP-125

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