

5½ in 23 lb/ft TX25NP-125 (S32750)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	5.500 in
Nominal ID	4.670 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.415 in
Minimum Wall Thickness	90 %
Drift	4.545 in

CONNECTION PROPERTIES

Coupling OD (nominal)	6.156 in
Coupling ID (nominal)	4.604 in
Make-up Loss	4.413 in
Coupling Length	10.748 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	829 klb
Compression Yield Load	663 klb
Internal Yield Pressure	16 980 psi
External Pressure Resistance	16 060 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	380 klb

TORQUE VALUES

Minimum Make-up torque	13 670 ft·lb
Optimum Make-up torque	15 190 ft·lb
Maximum Make-up torque	16 710 ft·lb
Minimum Shoulder Torque	760 ft·lb
Maximum Shoulder Torque	10 640 ft·lb
Maximum Operational Torque	18 230 ft·lb

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

PCTDS-SENTINEL_One-5.5-23-TX25NP-125

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

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