

5 in 23.3 lb/ft TX25NP-125 (S32750)

Box end finish: Cu-Plating Lubrication: API-Modified

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.000 in
Nominal ID	4.044 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.478 in
Minimum Wall Thickness	90 %
Drift	3.919 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.750 in
Coupling ID (nominal)	3.982 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	849 klb
Compression Yield Load	679 klb
Internal Yield Pressure	21 510 psi
External Pressure Resistance	21 620 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	445 klb

TORQUE VALUES

Minimum Make-up torque	14 340 ft·lb
Optimum Make-up torque	15 930 ft·lb
Maximum Make-up torque	17 520 ft·lb
Minimum Shoulder Torque	800 ft·lb
Maximum Shoulder Torque	11 150 ft·lb
Maximum Operational Torque	19 120 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV

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PCTDS-SENTINEL_One-5-23.3-TX25NP-125

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

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