

Technical Datasheet

5½ in 23 lb/ft TX25NP-125 (UNS S32750, 125 ksi)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.500 in
Nominal ID	4.670 in
Min. Yield Strength	125 ksi
Min. Compression Yield Strength (80% anisotropy ratio)	100 ksi
Nominal Wall Thickness	0.415 in
Minimum Wall Thickness	90 %
Drift	4.545 in

CONNECTION PROPERTIES

Coupling OD (nominal)	6.181 in
Coupling ID (nominal)	4.603 in
Make-up Loss	4.535 in
Coupling Length	10.472 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 Sealability	58 °/100 ft
Max. Structural Bending	94 °/100 ft
Max. Load on Coupling Face	430 klb

TORQUE VALUES

Minimum Make-up torque	15 720 ft-lb
Optimum Make-up torque	17 470 ft-lb
Maximum Make-up torque	19 220 ft-lb
Minimum Shoulder Torque	870 ft-lb
Maximum Shoulder Torque	12 230 ft-lb
Maximum Operational Torque	21 140 ft-lb

Box end finish: Cu-Plating Pin end finish: SS Bead Blasting Lubrication: API-Modified



Connection qualified as per API RP 5C5 4th edition (2017) - CAL IV
sentinelconnections.com

TUBACEX
 GROUP