

Technical Datasheet

5½ in 20 lb/ft TX25NP-125 (UNS S32750, 125 ksi)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.500 in
Nominal ID	4.778 in
Min. Yield Strength	125 ksi
Min. Compression Yield Strength (80% anisotropy ratio)	100 ksi
Nominal Wall Thickness	0.361 in
Minimum Wall Thickness	90 %
Drift	4.653 in

CONNECTION PROPERTIES

Coupling OD (nominal)	6.098 in
Coupling ID (nominal)	4.711 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	729 klb
Compression Yield Load	583 klb
Internal Yield Pressure	14 770 psi
External Pressure Resistance	12 080 psi
Max. Bending with Sealability	58 °/100 ft
Max. Structural Bending	94 °/100 ft
Max. Load on Coupling Face	352 klb

TORQUE VALUES

Minimum Make-up torque	12 370 ft-lb
Optimum Make-up torque	13 740 ft-lb
Maximum Make-up torque	15 110 ft-lb
Minimum Shoulder Torque	690 ft-lb
Maximum Shoulder Torque	9 620 ft-lb
Maximum Operational Torque	16 620 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
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