

5½ in 17 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	4.892 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.304 in
Minimum Wall Thickness	90 %
Drift	4.767 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.970 in
Coupling ID (nominal)	4.856 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	620 klb
Compression Yield Load	496 klb
Internal Yield Pressure	12 440 psi
External Pressure Resistance	7 890 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	205 klb

TORQUE VALUES

Minimum Make-up torque	8 160 ft·lb
Optimum Make-up torque	9 070 ft·lb
Maximum Make-up torque	9 980 ft·lb
Minimum Shoulder Torque	460 ft·lb
Maximum Shoulder Torque	6 350 ft·lb
Maximum Operational Torque	10 890 ft·lb

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

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