

4½ in 17 lb/ft TX25NP-125 (S32750)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	4.500 in
Nominal ID	3.740 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.380 in
Minimum Wall Thickness	90 %
Drift	.3615 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.110 in
Coupling ID (nominal)	3.787 in
Make-up Loss	3.342 in
Coupling Length	7.441 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	615 klb
Compression Yield Load	492 klb
Internal Yield Pressure	19 000 psi
External Pressure Resistance	19 330 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	323 klb

TORQUE VALUES

Minimum Make-up torque	8 100 ft·lb
Optimum Make-up torque	9 000 ft·lb
Maximum Make-up torque	9 900 ft·lb
Minimum Shoulder Torque	450 ft·lb
Maximum Shoulder Torque	6 300 ft·lb
Maximum Operational Torque	10 800 ft·lb

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

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