

7½ in 39 lb/ft TX25NP-125 (S32750)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	7.625 in
Nominal ID	6.625 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.500 in
Minimum Wall Thickness	90 %
Drift	6.500 in

CONNECTION PROPERTIES

Coupling OD (nominal)	8.419 in
Coupling ID (nominal)	6.589 in
Make-up Loss	5.220 in
Coupling Length	11.732 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	1 399 klb
Compression Yield Load	1 119 klb
Internal Yield Pressure	14 750 psi
External Pressure Resistance	12 060 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	712 klb

TORQUE VALUES

Minimum Make-up torque	20 840 ft·lb
Optimum Make-up torque	23 160 ft·lb
Maximum Make-up torque	25 480 ft·lb
Minimum Shoulder Torque	1 160 ft·lb
Maximum Shoulder Torque	16 210 ft·lb
Maximum Operational Torque	27 790 ft·lb

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

PCTDS-SENTINEL_One-7.625-39-TX25NP-125

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