

**4½ in 11.6 lb/ft TX25NP-80 (S32750)****Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	4.500 in
Nominal ID	4.000 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.250 in
Minimum Wall Thickness	87.5 %
Drift	3.875 in

**CONNECTION PROPERTIES**

Coupling OD (nominal)	4.902 in
Coupling ID (nominal)	3.952 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	267 klb
Compression Yield Load	267 klb
Internal Yield Pressure	7 780 psi
External Pressure Resistance	6 350 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	129 klb

**TORQUE VALUES**

Minimum Make-up torque	3 520 ft·lb
Optimum Make-up torque	3 910 ft·lb
Maximum Make-up torque	4 300 ft·lb
Minimum Shoulder Torque	200 ft·lb
Maximum Shoulder Torque	2 740 ft·lb
Maximum Operational Torque	4 690 ft·lb

**Connection qualified as per ISO 13679:2002 - CAL IV**[www.sentinelconnections.com](http://www.sentinelconnections.com)

PCTDS-SENTINEL\_One-4.5-11.6-TX25NP-80

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**TUBACEX**  
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