

**5½ in 15.5 lb/ft TX25NP-80 (S32750)****Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	5.500 in
Nominal ID	4.950 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.275 in
Minimum Wall Thickness	87.5 %
Drift	4.825 in

**CONNECTION PROPERTIES**

Coupling OD (nominal)	5.929 in
Coupling ID (nominal)	4.907 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	361 klb
Compression Yield Load	361 klb
Internal Yield Pressure	7 000 psi
External Pressure Resistance	4 990 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	134 klb

**TORQUE VALUES**

Minimum Make-up torque	4 850 ft·lb
Optimum Make-up torque	5 380 ft·lb
Maximum Make-up torque	5 920 ft·lb
Minimum Shoulder Torque	270 ft·lb
Maximum Shoulder Torque	3 770 ft·lb
Maximum Operational Torque	6 460 ft·lb

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

PCTDS-SENTINEL\_One-5.5-15.5-TX25NP-80

Date of issue (dd/mm/yyyy): 07/02/2025

**TUBACEX**  
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