

4½ in 13.5 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	3.920 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.290 in
Minimum Wall Thickness	90 %
Drift	3.795 in

CONNECTION PROPERTIES

Coupling OD (nominal)	4.986 in
Coupling ID (nominal)	3.859 in
Make-up Loss	3.521 in
Coupling Length	7.913 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	480 klb
Compression Yield Load	384 klb
Internal Yield Pressure	14 500 psi
External Pressure Resistance	11 600 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	234 klb

TORQUE VALUES

Minimum Make-up torque	7 920 ft-lb
Optimum Make-up torque	8 800 ft-lb
Maximum Make-up torque	9 680 ft-lb
Minimum Shoulder Torque	440 ft-lb
Maximum Shoulder Torque	6 160 ft-lb
Maximum Operational Torque	8 800 ft-lb

Connection qualified as per API RP 5C5 4th edition (2017) - CAL IV



www.sentinelconnections.com

PCTDS-SENTINEL_Prime-4.5-13.5-TX25NP-125

Date of issue (dd/mm/yyyy): 31/10/2024

TUBACEX
GROUP