

2³/₈ in 4.6 lb/ft TX25NP-125 (S32750)

Box end finish: Cu-Plating Lubrication: API-Modified

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	2.375 in
Nominal ID	1.995 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.190 in
Minimum Wall Thickness	90 %
Drift	1.901 in

CONNECTION PROPERTIES

Coupling OD (nominal)	2.717 in
Coupling ID (nominal)	1.957 in
Make-up Loss	2.441 in
Coupling Length	5.827 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	163 klb
Compression Yield Load	131 klb
Internal Yield Pressure	18 000 psi
External Pressure Resistance	17 900 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	61 klb

TORQUE VALUES

Minimum Make-up torque	1 530 ft-lb
Optimum Make-up torque	1 700 ft-lb
Maximum Make-up torque	1 870 ft-lb
Minimum Shoulder Torque	90 ft-lb
Maximum Shoulder Torque	1 190 ft-lb
Maximum Operational Torque	1 700 ft-lb

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



www.sentinelconnections.com

PCTDS-SENTINEL_Prime-2.375-4.6-TX25NP-125

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

TUBACEX
GROUP