

7⁵/₈ in 33.7 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	6.765 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.430 in
Minimum Wall Thickness	90 %
Drift	6.640 in

CONNECTION PROPERTIES

Coupling OD (nominal)	8.305 in
Coupling ID (nominal)	6.700 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	1 215 klb
Compression Yield Load	972 klb
Internal Yield Pressure	12 690 psi
External Pressure Resistance	8 340 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	563 klb

TORQUE VALUES

Minimum Make-up torque	19 140 ft·lb
Optimum Make-up torque	21 260 ft·lb
Maximum Make-up torque	23 390 ft·lb
Minimum Shoulder Torque	1 060 ft·lb
Maximum Shoulder Torque	14 880 ft·lb
Maximum Operational Torque	25 520 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



www.sentinelconnections.com

PCTDS-SENTINEL_One-7.625-33.7-TX25NP-125

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

TUBACEX
GROUP