

6⁵/₈ in 20 lb/ft TX25NP-125 (S32750)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	6.625 in
Nominal ID	6.049 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.288 in
Minimum Wall Thickness	90 %
Drift	5.924 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.283 in
Coupling ID (nominal)	5.972 in
Make-up Loss	4.921 in
Coupling Length	10.866 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	717 klb
Compression Yield Load	574 klb
Internal Yield Pressure	9 780 psi
External Pressure Resistance	4 170 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	418 klb

TORQUE VALUES

Minimum Make-up torque	11 750 ft·lb
Optimum Make-up torque	13 050 ft·lb
Maximum Make-up torque	14 360 ft·lb
Minimum Shoulder Torque	660 ft·lb
Maximum Shoulder Torque	9 140 ft·lb
Maximum Operational Torque	15 670 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IVwww.sentinelconnections.com

PCTDS-SENTINEL_One-6.625-20-TX25NP-125

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