

6⁵/₈ in 20 lb/ft TX25NP-80 (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	80 ksi
Nominal Wall Thickness	0.288 in
Minimum Wall Thickness	87.5 %
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	459 klb
Compression Yield Load	459 klb
Internal Yield Pressure	6 090 psi
External Pressure Resistance	3 470 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	334 klb

TORQUE VALUES

Minimum Make-up torque	8 270 ft·lb
Optimum Make-up torque	9 180 ft·lb
Maximum Make-up torque	10 100 ft·lb
Minimum Shoulder Torque	460 ft·lb
Maximum Shoulder Torque	6 430 ft·lb
Maximum Operational Torque	11 020 ft·lb

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

PCTDS-SENTINEL_One-6.625-20-TX25NP-80

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

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