

7 in 35 lb/ft TX22-125 (S31803)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	7.000 in
Nominal ID	6.004 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.498 in
Minimum Wall Thickness	90 %
Drift	5.879 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.815 in
Coupling ID (nominal)	5.932 in
Make-up Loss	4.761 in
Coupling Length	11.535 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	1 272 klb
Compression Yield Load	1 017 klb
Internal Yield Pressure	16 010 psi
External Pressure Resistance	14 310 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	692 klb

TORQUE VALUES

Minimum Make-up torque	20 840 ft·lb
Optimum Make-up torque	23 160 ft·lb
Maximum Make-up torque	25 480 ft·lb
Minimum Shoulder Torque	1 160 ft·lb
Maximum Shoulder Torque	16 210 ft·lb
Maximum Operational Torque	27 790 ft·lb

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

PCTDS-SENTINEL_One-7-35-TX22-125

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

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