

5 in 24.1 lb/ft TX22-125 (S31803)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	5.000 in
Nominal ID	4.000 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.500 in
Minimum Wall Thickness	90 %
Drift	3.875 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.781 in
Coupling ID (nominal)	3.939 in
Make-up Loss	4.191 in
Coupling Length	10.394 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	884 klb
Compression Yield Load	707 klb
Internal Yield Pressure	22 500 psi
External Pressure Resistance	22 500 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	473 klb

TORQUE VALUES

Minimum Make-up torque	15 600 ft·lb
Optimum Make-up torque	17 330 ft·lb
Maximum Make-up torque	19 070 ft·lb
Minimum Shoulder Torque	870 ft·lb
Maximum Shoulder Torque	12 130 ft·lb
Maximum Operational Torque	20 800 ft·lb

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

PCTDS-SENTINEL_One-5-24.1-TX22-125

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

TUBACEX
GROUP