

4½ in 10.5 lb/ft TX22-125 (S31803)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	4.500 in
Nominal ID	4.052 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.224 in
Minimum Wall Thickness	90 %
Drift	3.927 in

CONNECTION PROPERTIES

Coupling OD (nominal)	4.858 in
Coupling ID (nominal)	3.991 in
Make-up Loss	3.342 in
Coupling Length	7.441 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	376 klb
Compression Yield Load	301 klb
Internal Yield Pressure	11 000 psi
External Pressure Resistance	5 590 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	128 klb

TORQUE VALUES

Minimum Make-up torque	3 650 ft·lb
Optimum Make-up torque	4 060 ft·lb
Maximum Make-up torque	4 460 ft·lb
Minimum Shoulder Torque	210 ft·lb
Maximum Shoulder Torque	2 840 ft·lb
Maximum Operational Torque	4 870 ft·lb

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

PCTDS-SENTINEL_One-4.5-10.5-TX22-125

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

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