

5½ in 15.5 lb/ft TX22-125 (S31803)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	5.500 in
Nominal ID	4.950 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.275 in
Minimum Wall Thickness	90 %
Drift	4.825 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.929 in
Coupling ID (nominal)	4.907 in
Make-up Loss	4.413 in
Coupling Length	10.748 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	564 klb
Compression Yield Load	451 klb
Internal Yield Pressure	11 250 psi
External Pressure Resistance	5 890 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	167 klb

TORQUE VALUES

Minimum Make-up torque	6 840 ft·lb
Optimum Make-up torque	7 600 ft·lb
Maximum Make-up torque	8 360 ft·lb
Minimum Shoulder Torque	380 ft·lb
Maximum Shoulder Torque	5 320 ft·lb
Maximum Operational Torque	9 120 ft·lb

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

PCTDS-SENTINEL_One-5.5-15.5-TX22-125

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