

7½ in 42.8 lb/ft TX22-125 (S31803)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	7.625 in
Nominal ID	6.501 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.562 in
Minimum Wall Thickness	90 %
Drift	6.375 in

CONNECTION PROPERTIES

Coupling OD (nominal)	8.518 in
Coupling ID (nominal)	6.479 in
Make-up Loss	5.220 in
Coupling Length	11.732 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	1 558 klb
Compression Yield Load	1 247 klb
Internal Yield Pressure	16 580 psi
External Pressure Resistance	15 350 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	842 klb

TORQUE VALUES

Minimum Make-up torque	28 570 ft·lb
Optimum Make-up torque	31 740 ft·lb
Maximum Make-up torque	34 910 ft·lb
Minimum Shoulder Torque	1 590 ft·lb
Maximum Shoulder Torque	22 220 ft·lb
Maximum Operational Torque	38 080 ft·lb

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

PCTDS-SENTINEL_One-7.625-42.8-TX22-125

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