

**7½ in 29.7 lb/ft TX28-110 (N08028)****Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	7.625 in
Nominal ID	6.875 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.375 in
Minimum Wall Thickness	90 %
Drift	6.750 in

**CONNECTION PROPERTIES**

Coupling OD (nominal)	8.213 in
Coupling ID (nominal)	6.810 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	939 klb
Compression Yield Load	751 klb
Internal Yield Pressure	9 740 psi
External Pressure Resistance	5 350 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	391 klb

**TORQUE VALUES**

Minimum Make-up torque	16 600 ft·lb
Optimum Make-up torque	18 440 ft·lb
Maximum Make-up torque	20 280 ft·lb
Minimum Shoulder Torque	920 ft·lb
Maximum Shoulder Torque	12 910 ft·lb
Maximum Operational Torque	22 130 ft·lb

**Connection qualified as per ISO 13679:2002 - CAL IV**[www.sentinelconnections.com](http://www.sentinelconnections.com)

PCTDS-SENTINEL\_One-7.625-29.7-TX28-110

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**TUBACEX**  
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