

**4½ in 17 lb/ft TX28-110 (N08028)****Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	4.500 in
Nominal ID	3.740 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.380 in
Minimum Wall Thickness	90 %
Drift	.3615 in

**CONNECTION PROPERTIES**

Coupling OD (nominal)	5.110 in
Coupling ID (nominal)	3.787 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	541 klb
Compression Yield Load	433 klb
Internal Yield Pressure	16 720 psi
External Pressure Resistance	17 010 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	284 klb

**TORQUE VALUES**

Minimum Make-up torque	7 630 ft·lb
Optimum Make-up torque	8 480 ft·lb
Maximum Make-up torque	9 330 ft·lb
Minimum Shoulder Torque	430 ft·lb
Maximum Shoulder Torque	5 940 ft·lb
Maximum Operational Torque	10 180 ft·lb

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

PCTDS-SENTINEL\_One-4.5-17-TX28-110

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

**TUBACEX**  
GROUP