

2 7/8 in 6.4 lb/ft TX825-110 (N08825)

Box end finish: Cu-Plating Lubrication: API-Modified

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	2.875 in
Nominal ID	2.441 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.217 in
Minimum Wall Thickness	90 %
Drift	2.347 in

CONNECTION PROPERTIES

Coupling OD (nominal)	3.287 in
Coupling ID (nominal)	2.402 in
Make-up Loss	2.480 in
Coupling Length	5.906 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	199 klb
Compression Yield Load	159 klb
Internal Yield Pressure	14 940 psi
External Pressure Resistance	14 550 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	107 klb

TORQUE VALUES

Minimum Make-up torque	2 140 ft-lb
Optimum Make-up torque	2 370 ft-lb
Maximum Make-up torque	2 610 ft-lb
Minimum Shoulder Torque	120 ft-lb
Maximum Shoulder Torque	1 660 ft-lb
Maximum Operational Torque	3 090 ft-lb

Connection qualified as per API RP 5C5 4th edition (2017) - CAL IV



www.sentinelconnections.com

PCTDS-SENTINEL_Prime-2.875-6.4-TX825-110

Date of issue (dd/mm/yyyy): 31/10/2024

TUBACEX
GROUP