

3½ in 9.2 lb/ft TX825-110 (N08825)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	3.500 in
Nominal ID	2.992 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.254 in
Minimum Wall Thickness	90 %
Drift	2.867 in

CONNECTION PROPERTIES

Coupling OD (nominal)	3.929 in
Coupling ID (nominal)	2.921 in
Make-up Loss	3.324 in
Coupling Length	7.362 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	285 klb
Compression Yield Load	228 klb
Internal Yield Pressure	14 370 psi
External Pressure Resistance	13 530 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	136 klb

TORQUE VALUES

Minimum Make-up torque	3 420 ft-lb
Optimum Make-up torque	3 810 ft-lb
Maximum Make-up torque	4 190 ft-lb
Minimum Shoulder Torque	190 ft-lb
Maximum Shoulder Torque	2 660 ft-lb
Maximum Operational Torque	4 950 ft-lb

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



www.sentinelconnections.com

PCTDS-SENTINEL_Prime-3.5-9.2-TX825-110

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

TUBACEX
GROUP