

Technical Datasheet

5½ in 23 lb/ft TX825-110 (UNS N08825, 110 ksi)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.500 in
Nominal ID	4.670 in
Min. Yield Strength	110 ksi
Min. Compression Yield Strength (80% asymmetry ratio)	88 ksi
Nominal Wall Thickness	0.415 in
Minimum Wall Thickness	90 %
Drift	4.545 in

CONNECTION PROPERTIES

Coupling OD (nominal)	6.181 in
Coupling ID (nominal)	4.603 in
Make-up Loss	4.535 in
Coupling Length	10.472 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	729 klb
Compression Yield Load	583 klb
Internal Yield Pressure	14 940 psi
External Pressure Resistance	14 540 psi
Max. Bending with Sealability	58 °/100 ft
Max. Structural Bending	83 °/100 ft
Max. Load on Coupling Face	379 klb

TORQUE VALUES

Minimum Make-up torque	9 490 ft-lb
Optimum Make-up torque	10 540 ft-lb
Maximum Make-up torque	11 590 ft-lb
Minimum Shoulder Torque	520 ft-lb
Maximum Shoulder Torque	7 380 ft-lb
Maximum Operational Torque	12 750 ft-lb

Box end finish: Cu-Plating Pin end finish: SS Bead Blasting Lubrication: API-Modified

