

Technical Datasheet

3½ in 9.2 lb/ft TX25NP-80 (UNS S32750, 80 ksi)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	3.500 in
Nominal ID	2.992 in
Min. Yield Strength	80 ksi
Min. Compression Yield Strength (80% anisotropy ratio)	64 ksi
Nominal Wall Thickness	0.254 in
Minimum Wall Thickness	87.5 %
Drift	2.867 in

CONNECTION PROPERTIES

Coupling OD (nominal)	3.929 in
Coupling ID (nominal)	2.922 in
Make-up Loss	3.325 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	207 klb
Compression Yield Load	207 klb
Internal Yield Pressure	10,160 psi
External Pressure Resistance	10,540 psi
Max. Bending with Sealability	42 °/100 ft
Max. Structural Bending	105 °/100 ft
Max. Load on Coupling Face	124 klb

TORQUE VALUES

Minimum Make-up torque	3,020 ft-lb
Optimum Make-up torque	3,350 ft-lb
Maximum Make-up torque	3,690 ft-lb
Minimum Shoulder Torque	170 ft-lb
Maximum Shoulder Torque	2,350 ft-lb
Maximum Operational Torque	3,690 ft-lb

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

