

Technical Datasheet

9⁵/₈ in 47 lb/ft TX25NP-80 (UNS S32750, 80 ksi)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	9.625 in
Nominal ID	8.681 in
Min. Yield Strength	80 ksi
Min. Compression Yield Strength (80% anisotropy ratio)	64 ksi
Nominal Wall Thickness	0.472 in
Minimum Wall Thickness	87.5 %
Drift	8.525 in

CONNECTION PROPERTIES

Coupling OD (nominal)	10.502 in
Coupling ID (nominal)	8.632 in
Make-up Loss	5.487 in
Coupling Length	12.795 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	1 086 klb
Compression Yield Load	1 086 klb
Internal Yield Pressure	6 870 psi
External Pressure Resistance	4 750 psi
Max. Bending with Sealability	28 °/100 ft
Max. Structural Bending	38 °/100 ft
Max. Load on Coupling Face	758 klb

TORQUE VALUES

Minimum Make-up torque	24 730 ft-lb
Optimum Make-up torque	27 480 ft-lb
Maximum Make-up torque	30 230 ft-lb
Minimum Shoulder Torque	1 370 ft-lb
Maximum Shoulder Torque	19 240 ft-lb
Maximum Operational Torque	34 770 ft-lb

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



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