

7⁵/₈ in 45.3 lb/ft TX25NP-80 (S32750)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	7.625 in
Nominal ID	6.435 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.595 in
Minimum Wall Thickness	87.5 %
Drift	6.310 in

CONNECTION PROPERTIES

Coupling OD (nominal)	8.569 in
Coupling ID (nominal)	6.424 in
Make-up Loss	5.220 in
Coupling Length	11.732 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	1 051 klb
Compression Yield Load	1 051 klb
Internal Yield Pressure	10 920 psi
External Pressure Resistance	11 510 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	728 klb

TORQUE VALUES

Minimum Make-up torque	22 620 ft-lb
Optimum Make-up torque	25 140 ft-lb
Maximum Make-up torque	27 650 ft-lb
Minimum Shoulder Torque	1 250 ft-lb
Maximum Shoulder Torque	1 250 ft-lb
Maximum Operational Torque	30 160 ft-lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-7.625-45.3-TX25NP-80

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