

Technical Datasheet

4½ in 17 lb/ft TX28-125 (UNS N08028, 125 ksi)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	4.500 in
Nominal ID	3.740 in
Min. Yield Strength	125 ksi
Min. Compression Yield Strength (80% asymmetry ratio)	100 ksi
Nominal Wall Thickness	0.380 in
Minimum Wall Thickness	90 %
Drift	3.615 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.128 in
Coupling ID (nominal)	3.680 in
Make-up Loss	3.521 in
Coupling Length	7.913 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	615 klb
Compression Yield Load	492 klb
Internal Yield Pressure	19 000 psi
External Pressure Resistance	19 330 psi
Max. Bending with Sealability	66 °/100 ft
Max. Structural Bending	115 °/100 ft
Max. Load on Coupling Face	346 klb

TORQUE VALUES

Minimum Make-up torque	11 340 ft·lb
Optimum Make-up torque	12 600 ft·lb
Maximum Make-up torque	13 860 ft·lb
Minimum Shoulder Torque	630 ft·lb
Maximum Shoulder Torque	8 820 ft·lb
Maximum Operational Torque	13 860 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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