Technical Datasheet
4½ in 12.6 lb/ft TX22-125 (UNS S31803, 125 ksi)

Clearance: Standard Bevel: 20°



PIPE BODY CHARACTERISTICS

Nominal OD	4.500	in
Nominal ID	3.958	in
Min. Yield Strength	125	ksi
Min. Compression Yield Strength (80% asymmetry ratio)	100	ksi
Nominal Wall Thickness	0.271	in
Minimum Wall Thickness	90	%
Drift	3.833	in

CONNECTION PROPERTIES

Coupling OD (nominal)	4.937	in
Coupling ID (nominal)	3.898	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	450	klb
Compression Yield Load	360	klb
Internal Yield Pressure	13 550	psi
External Pressure Resistance	9 890	psi
Max. Bending with Sealability	66	°/100 ft
Max. Structural Bending	115	°/100 ft
Max. Load on Coupling Face	85	klb

TORQUE VALUES

Minimum Make-up torque	7 070	ft·lb
Optimum Make-up torque	7 860	ft·lb
Maximum Make-up torque	8 640	ft·lb
Minimum Shoulder Torque	390	ft·lb
Maximum Shoulder Torque	5 500	ft·lb
Maximum Operational Torque	8 640	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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