

**4½ in 12.6 lb/ft S13Cr-95 (UNS S41425)**

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

**Clearance: Standard Bevel: 45°**

**PIPE BODY CHARACTERISTICS**

Nominal OD	4.500 in
Nominal ID	3.958 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.271 in
Minimum Wall Thickness	87.5 %
Drift	3.833 in

**CONNECTION PROPERTIES**

Coupling OD (nominal)	4.937 in
Coupling ID (nominal)	3.917 in
Make-up Loss	3.342 in
Coupling Length	7.441 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	342 klb
Compression Yield Load	342 klb
Internal Yield Pressure	10 010 psi
External Pressure Resistance	8 410 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	179 klb

**TORQUE VALUES**

Minimum Make-up torque	4 310 ft·lb
Optimum Make-up torque	4 790 ft·lb
Maximum Make-up torque	5 270 ft·lb
Minimum Shoulder Torque	240 ft·lb
Maximum Shoulder Torque	3 360 ft·lb
Maximum Operational Torque	5 750 ft·lb

**Connection qualified as per ISO 13679:2002 - CAL IV**



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PCTDS-SENTINEL\_One-4.5-12.6-S13Cr-95

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**TUBACEX**  
GROUP