

7 in 35 lb/ft S13Cr-95 (UNS S41425)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	7.000 in
Nominal ID	6.004 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.498 in
Minimum Wall Thickness	87.5 %
Drift	5.879 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.815 in
Coupling ID (nominal)	5.936 in
Make-up Loss	4.761 in
Coupling Length	11.535 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	966 klb
Compression Yield Load	966 klb
Internal Yield Pressure	11 830 psi
External Pressure Resistance	11 650 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	657 klb

TORQUE VALUES

Minimum Make-up torque	18 520 ft·lb
Optimum Make-up torque	20 580 ft·lb
Maximum Make-up torque	22 640 ft·lb
Minimum Shoulder Torque	1 030 ft·lb
Maximum Shoulder Torque	14 400 ft·lb
Maximum Operational Torque	24 690 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-7-35-S13Cr-95

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