

7⁵/₈ in 33.7 lb/ft L80 13Cr (API 5CT)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	7.625 in
Nominal ID	6.765 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.430 in
Minimum Wall Thickness	87.5 %
Drift	6.640 in

CONNECTION PROPERTIES

Coupling OD (nominal)	8.305 in
Coupling ID (nominal)	6.704 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	777 klb
Compression Yield Load	777 klb
Internal Yield Pressure	7 900 psi
External Pressure Resistance	6 560 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	450 klb

TORQUE VALUES

Minimum Make-up torque	14 090 ft·lb
Optimum Make-up torque	15 660 ft·lb
Maximum Make-up torque	17 230 ft·lb
Minimum Shoulder Torque	780 ft·lb
Maximum Shoulder Torque	10 960 ft·lb
Maximum Operational Torque	18 790 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-7.625-33.7-L80 13Cr

Date of issue (dd/mm/yyyy): 30/04/2026

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