

## 7<sup>5</sup>/<sub>8</sub> in 42.8 lb/ft L80 Type 1 (API 5CT)

Box end finish: Mang. Phosph. Lubrication: API-Modified

Clearance: Standard Bevel: 45°

### PIPE BODY CHARACTERISTICS

Nominal OD	7.625 in
Nominal ID	6.501 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.562 in
Minimum Wall Thickness	87.5 %
Drift	6.375 in

### CONNECTION PROPERTIES

Coupling OD (nominal)	8.518 in
Coupling ID (nominal)	6.483 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	997 klb
Compression Yield Load	997 klb
Internal Yield Pressure	10 320 psi
External Pressure Resistance	10 810 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	674 klb

### TORQUE VALUES

Minimum Make-up torque	20 310 ft·lb
Optimum Make-up torque	22 570 ft·lb
Maximum Make-up torque	24 830 ft·lb
Minimum Shoulder Torque	1 130 ft·lb
Maximum Shoulder Torque	15 800 ft·lb
Maximum Operational Torque	27 080 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL\_One-7.625-42.8-L80 Type 1

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