

## 5½ in 23 lb/ft L80 Type 1 (API 5CT)

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

Clearance: Standard Bevel: 45°

### PIPE BODY CHARACTERISTICS

Nominal OD	5.500 in
Nominal ID	4.670 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.415 in
Minimum Wall Thickness	87.5 %
Drift	4.545 in

### CONNECTION PROPERTIES

Coupling OD (nominal)	6.156 in
Coupling ID (nominal)	4.607 in
Make-up Loss	4.413 in
Coupling Length	10.748 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	530 klb
Compression Yield Load	530 klb
Internal Yield Pressure	10 560 psi
External Pressure Resistance	11 160 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	304 klb

### TORQUE VALUES

Minimum Make-up torque	9 760 ft·lb
Optimum Make-up torque	10 840 ft·lb
Maximum Make-up torque	11 930 ft·lb
Minimum Shoulder Torque	550 ft·lb
Maximum Shoulder Torque	7 590 ft·lb
Maximum Operational Torque	13 010 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL\_One-5.5-23-L80 Type 1

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**TUBACEX**  
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