

## 4½ in 17 lb/ft Q125 (API 5CT)

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

**Clearance: Standard Bevel: 45°**

### PIPE BODY CHARACTERISTICS

Nominal OD	4.500 in
Nominal ID	3.740 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.380 in
Minimum Wall Thickness	87.5 %
Drift	.3615 in

### CONNECTION PROPERTIES

Coupling OD (nominal)	5.110 in
Coupling ID (nominal)	3.791 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	615 klb
Compression Yield Load	615 klb
Internal Yield Pressure	19 000 psi
External Pressure Resistance	19 330 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	404 klb

### TORQUE VALUES

Minimum Make-up torque	8 100 ft·lb
Optimum Make-up torque	9 000 ft·lb
Maximum Make-up torque	9 900 ft·lb
Minimum Shoulder Torque	450 ft·lb
Maximum Shoulder Torque	6 300 ft·lb
Maximum Operational Torque	10 800 ft·lb

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



[www.sentinelconnections.com](http://www.sentinelconnections.com)

PCTDS-SENTINEL\_One-4.5-17-Q125

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

**TUBACEX**  
GROUP