

## 4½ in 13.5 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	3.920 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.290 in
Minimum Wall Thickness	87.5 %
Drift	3.795 in

### CONNECTION PROPERTIES

Coupling OD (nominal)	4.969 in
Coupling ID (nominal)	3.877 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	480 klb
Compression Yield Load	480 klb
Internal Yield Pressure	14 500 psi
External Pressure Resistance	11 600 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	265 klb

### TORQUE VALUES

Minimum Make-up torque	5 580 ft·lb
Optimum Make-up torque	6 200 ft·lb
Maximum Make-up torque	6 820 ft·lb
Minimum Shoulder Torque	310 ft·lb
Maximum Shoulder Torque	4 340 ft·lb
Maximum Operational Torque	7 430 ft·lb

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



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**TUBACEX**  
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