

6⁵/₈ in 24 lb/ft Q125 (API 5CT)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	6.625 in
Nominal ID	5.921 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.352 in
Minimum Wall Thickness	87.5 %
Drift	5.796 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.283 in
Coupling ID (nominal)	5.850 in
Make-up Loss	4.921 in
Coupling Length	10.866 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	867 klb
Compression Yield Load	867 klb
Internal Yield Pressure	11 950 psi
External Pressure Resistance	7 020 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	522 klb

TORQUE VALUES

Minimum Make-up torque	14 340 ft·lb
Optimum Make-up torque	15 930 ft·lb
Maximum Make-up torque	17 520 ft·lb
Minimum Shoulder Torque	800 ft·lb
Maximum Shoulder Torque	11 150 ft·lb
Maximum Operational Torque	19 120 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



www.sentinelconnections.com

PCTDS-SENTINEL_One-6.625-24-Q125

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

TUBACEX
GROUP