

Technical Datasheet

3½ in 9.2 lb/ft TXG3-110 (UNS N06985, 110 ksi)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

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|---|----------|
| Nominal OD | 3.500 in |
| Nominal ID | 2.992 in |
| Min. Yield Strength | 110 ksi |
| Min. Compression Yield Strength (80% asymmetry ratio) | 88 ksi |
| Nominal Wall Thickness | 0.254 in |
| Minimum Wall Thickness | 90 % |
| Drift | 2.867 in |

CONNECTION PROPERTIES

| | |
|------------------------------|---------------|
| Coupling OD (nominal) | 3.929 in |
| Coupling ID (nominal) | 2.922 in |
| Make-up Loss | 3.325 in |
| Coupling Length | 7.362 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 | 285 klb |
| Compression Yield Load | 228 klb |
| Internal Yield Pressure | 14 370 psi |
| External Pressure Resistance | 13 530 psi |
| Max. Bending with Sealability | 42 °/100 ft |
| Max. Structural Bending | 130 °/100 ft |
| Max. Load on Coupling Face | 136 klb |

TORQUE VALUES

| | |
|----------------------------|-------------|
| Minimum Make-up torque | 3 420 ft-lb |
| Optimum Make-up torque | 3 810 ft-lb |
| Maximum Make-up torque | 4 190 ft-lb |
| Minimum Shoulder Torque | 190 ft-lb |
| Maximum Shoulder Torque | 2 660 ft-lb |
| Maximum Operational Torque | 4 190 ft-lb |

Box end finish: Cu-Plating Pin end finish: SS Bead Blasting Lubrication: API-Modified

