

PATTERSON RENTAL TOOLS

TUB278PH6S135BANDED



2 7/8" 7.9# S-135 PH-6 Hydril Type Tubing w/ Hardband

| Tube Size: | 2 7/8 | in |
|---|------------|---------|
| Nominal Weight / Ft. | 7.9 | lbs/ft |
| Tube Grade: | S-135 | |
| Connection: | PH-6 | |
| Hard Banding/Coating | HARDBANDED | |
| Stencil Markings: | "P" | |
| ID Markings: | 2 GROOVES | |
| TUBULAR SPECIFICATIONS | | |
| Tube OD: | 2.875 | in |
| Tube ID: | 2.323 | in |
| Grade: | S-135 | |
| Wall: | 0.276 | in |
| Drift OD: | 2.229 | in |
| Yield in Tension: | 304,000 | lbs |
| Burst Pressure Yield: | 22,680 | psi |
| Collapse Pressure Yield: | 33,430 | psi |
| Tube Compression Yield: | 304,000 | lbs |
| Torsion Yield: | 17,378 | ft-lbs |
| Bending Yield: | 215 | °/100ft |
| CONNECTION SPECIFICATIONS | | |
| Connection OD: | 3.438 | in |
| Connection ID: | 2.265 | in |
| Make-Up Loss: | 3.312 | in |
| Tension Efficiency: | 108 | % |
| Connection Burst Yield: | 22,680 | psi |
| Connection Collapse Yield: | 23,430 | psi |
| Connection Compression Yield: | 348,597 | lbs |
| Connection Torsion Yield: | 13,313 | ft-lbs |
| Connection Bend Yield | 258 | °/100ft |
| ¹ Rotating Operational Torque: | 8,653 | ft-lbs |
| MAKE-UP TORQUE | | |
| Minimum Make-Up Torque: | 3,500 | ft-lbs |
| Optimum Make-Up Torque: | 3,938 | ft-lbs |
| Maximum Make-Up Torque: | 4,375 | ft-lbs |

¹Rotating Operational Torque is provided to allow for additional rotating torque if needed based on well conditions. Operational torque is not to be applied with tongs at the rotary, but with rotating equipment used to rotate the tubing in the well. Maximum make up torque should be applied at the rotary with calibrated tubing tongs before operational torque is applied to the tubing. Breakout torque will be approximately 80% of the maximum operational torque applied to the tubing. Extra care will need to be taken during the breakout process to prevent damage to the tubing and tubing handling equipment. Operational Torque is based on 65% of the connection's torsion yield.

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