

Tubing Data & Performance Sheet

2.875" 9.50 ppf R-2 P-110 PH-6 Type w/ HB

TUBE BODY DATA

Tube OD	2.875 in.
Wall Thickness	.340 in.
Tube ID	2.195 in.
Tensile Yield Strength	231,889 lbs. (API Premium 80% Inspection Class)
Torsional Yield Strength	12,538 ft./ lbs. (API Premium 80% Inspection Class)
Compression Yield Strength	298,000 lbs.
Tube Burst	20,113 psi. (API Premium 80% Inspection Class)
Tube Collapse	19,678 psi. (API Premium 80% Inspection Class)
Bending Yield Strength	175 ° / 100 ft.

CONNECTION DATA

Connection	PH-6 Type
Connection OD	3.625 in.
Connection ID	2.130 in.
Make-Up Loss	3.040 in.
Drift	2.101 in.

Item No. : TUB278PH6P11095BAND

Notes:

¹ Operational Rotating Torque is provided to allow for additional rotating torque, if needed, based on well conditions. Operational Rotating Torque is based on 80% of the connection's torsional yield value. **DO NOT** apply Operational Rotating Torque with tubing tongs during connection make up. Operational Rotating Torque may only be applied with equipment designed to rotate the entire tubing string while inside the well. Maximum Make Up Torque should be applied to the connection prior to using Operational Rotating Torque, with calibrated tubing tongs. Connection Breakout Torque may be approximately 80% of the maximum Operational Rotating Torque applied to the tubing. Extra care should be taken during the Connection Breakout process to prevent damage to the tubing as well as the tubing handling equipment.

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MAKE -UP TORQUE

Make Up Torque - Minimum	5,500 ft./ lbs.
Make Up Torque - Optimum	6,188 ft./ lbs.
Make Up Torque - Maximum	6,875 ft./ lbs.
¹ Operational Rotating Torque	12,317 ft./ lbs.

CONNECTION PERFORMANCE

Tension Efficiency	108 %
Compression Yield	403,843 lbs.
Torsional Yield	15,397 ft./lbs.
Bending Yield Strength	244 ° / 100 ft.
Connection Burst	22,770 psi.
Connection Collapse	22,940 psi.

FEATURES

Hardbanding	Casing Friendly ; Pin x Box
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