

# Tubing Data & Performance Sheet

2.375" 5.95 ppf R-2 P-110 PH-6 Type w/ HB

## TUBE BODY DATA

|                            |   |
|----------------------------|---|
| Tube OD                    | 2.375 in.   |
| Wall Thickness             | .254 in.  |
| Tube ID                    | 1.867 in.   |
| Tensile Yield Strength     | 145,375 lbs. (API Premium 80% Inspection Class)   |
| Torsional Yield Strength   | 6,652 ft./lbs. (API Premium 80% Inspection Class) |
| Compression Yield Strength | 186,000 lbs.                                      |
| Tube Burst                 | 18,823 psi. (API Premium 80% Inspection Class)    |
| Tube Collapse              | 17,906 psi. (API Premium 80% Inspection Class)    |
| Bending Yield Strength     | 212 ° / 100 ft.                                   |

## CONNECTION DATA

|               |           |
|---------------|-----------|
| Connection    | PH-6 Type |
| Connection OD | 2.906 in. |
| Connection ID | 1.805 in. |
| Make-Up Loss  | 3.050 in. |
| Drift         | 1.773 in. |

Item No. : TUB238PH6P110BANDED

### Notes:

<sup>1</sup> 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                 | 2,700 ft./lbs. |
| Make Up Torque - Optimum                 | 3,038 ft./lbs. |
| Make Up Torque - Maximum                 | 3,375 ft./lbs. |
| <sup>1</sup> Operational Rotating Torque | 5,423 ft./lbs. |

## CONNECTION PERFORMANCE

|                        |                   |
|------------------------|-------------------|
| Tension Efficiency     | 110 %             |
| Compression Yield      | 284,042 lbs.      |
| Torsional Yield        | 6,779 ft./lbs.    |
| Bending Yield Strength | 271.5 ° / 100 ft. |
| Connection Burst       | 20,590 psi.       |
| Connection Collapse    | 21,010 psi.       |

## FEATURES

|             |                             |
|-------------|-----------------------------|
| Hardbanding | Casing Friendly ; Pin X Box |
|-------------|-----------------------------|



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