



SPECIFICATION SHEET

MIN. WALL THICKNESS: 87.5%

1-1/2" P-110 3.64 LBS/FT, CS HYDRIL TUBING

PIPE BODY DATA

| | |
|--|---------|
| NOMINAL OD (in.) | 1.9 |
| NOMINAL ID (in.) | 1.5 |
| NOMINAL WEIGHT (lbs/ft) | 3.64 |
| AVERAGE JOINT WEIGHT (lbs) | 116.48 |
| AVERAGE LENGTH | Range 2 |
| PIPE GRADE | P-110 |
| NOMINAL WALL (in.) | 0.2 |
| TUBE DRIFT (in.) | 1.406 |
| BODY YIELD STRENGTH (lbs) | 104,000 |
| COLLAPSE (psi) | 18,400 |
| INTERNAL YIELD (psi) | 20,300 |
| SPECIFIED MINIMUM YIELD STRENGTH (psi) | 110,000 |
| CAPACITY (BBLs./LIN. FT.) | 0.00219 |
| CAPACITY (LIN. FT./BBL.) | 458 |

CONNECTION DATA

| | |
|----------------------------------|-----------|
| CONNECTION | CS HYDRIL |
| CONNECTION OD (in.) | 2.162 |
| COMPRESSION EFFICIENCY | 80% |
| CONNECTION ID (in.) | 1.44 |
| COMPRESSION STRENGTH (lbs) | 116,000 |
| EXTERNAL PRESSURE CAPACITY (psi) | 15,000 |
| INTERNAL PRESSURE CAPACITY (psi) | 16,200 |
| JOINT YIELD STRENGTH (lbs) | 116,000 |
| BENDING (100 ft) | 275 deg |
| MAKE-UP TORQUE MINIMUM (ft-lbs) | 800 |
| MAKE-UP TORQUE OPTIMUM (ft-lbs) | 900 |
| MAKE-UP TORQUE MAXIMUM (ft-lbs) | 1000 |

Note: All used figures have **NO** safety factor included for tension, temperature, or general S.F. etc.

The technical information contained herein, including the product performance sheet and other attached documents, has been extracted from information available from the manufacturer and is for reference only and not a recommendation. The user is fully responsible for the accuracy and suitability of use of the technical information. Concentric Pipe and Tool Rentals cannot assume responsibility for the results obtained through the use of this material. No expressed or implied warranty is intended. No safety factor is applied. The information provided for various inspection classes and for various wear conditions (remaining body wall) is for information only and does not represent or imply acceptable operation limits. It is the responsibility of the customer and the end user to determine the appropriate performance ratings, acceptable use of the product, maintain safe operational practices, and to apply a prudent safety factor suitable for the application.