



## SPECIFICATION SHEET

MIN. WALL THICKNESS: 87.5%

## 3-1/2" P-110 9.3 LBS/FT, NAUTILUS FLUSH JOINT TUBING

### PIPE BODY DATA

NOMINAL OD (in.)	3.5
NOMINAL ID (in.)	2.992
NOMINAL WEIGHT (lbs/ft)	9.3
AVERAGE JOINT WEIGHT (lbs)	297.6
AVERAGE LENGTH	32
PIPE GRADE	P-110
NOMINAL WALL (in.)	0.254
TUBE DRIFT (in.)	2.867
BODY YIELD STRENGTH (lbs)	252,000
COLLAPSE (psi)	13,100
INTERNAL YIELD (psi)	14,000
SPECIFIED MINIMUM YIELD STRENGTH (psi)	110,000
CAPACITY (BBL./LIN. FT.)	0.0087
CAPACITY (LIN. FT./BBL.)	115

### CONNECTION DATA

CONNECTION	Nautilus Flush Joint
CONNECTION OD (in.)	3.5
CRITICAL SECTION AREA (sq. in.)	1.29
CONNECTION ID (in.)	2.992
COMPRESSION STRENGTH (lbs)	125,000
EXTERNAL PRESSURE CAPACITY (psi)	6,480
INTERNAL PRESSURE CAPACITY (psi)	6,680
JOINT YIELD STRENGTH (lbs)	125,000
BENDING (100 ft)	149 deg
MAKE-UP TORQUE MINIMUM (ft-lbs)	1500
MAKE-UP TORQUE OPTIMUM (ft-lbs)	1688
MAKE-UP TORQUE MAXIMUM (ft-lbs)	1875

**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.