



SPECIFICATION SHEET

MIN. WALL THICKNESS: 87.5%

3/4" N-80 1.50 LBS/FT, NAUTILUS FLUSH JOINT TUBING

PIPE BODY DATA

NOMINAL OD (in.)	1.05
NOMINAL ID (in.)	0.742
NOMINAL WEIGHT (lbs/ft)	1.5
AVERAGE JOINT WEIGHT (lbs)	48
AVERAGE LENGTH	32
PIPE GRADE	N-80
NOMINAL WALL (in.)	0.154
TUBE DRIFT (in.)	0.648
BODY YIELD STRENGTH (lbs)	31,000
COLLAPSE (psi)	17,900
INTERNAL YIELD (psi)	20,500
SPECIFIED MINIMUM YIELD STRENGTH (psi)	80,000
CAPACITY (BBLs./LIN. FT.)	0.000535
CAPACITY (LIN. FT./BBL.)	1870

CONNECTION DATA

CONNECTION	Nautilus Flush Joint
CONNECTION OD (in.)	1.05
CRITICAL SECTION AREA (sq. in.)	0.165
CONNECTION ID (in.)	0.742
COMPRESSION STRENGTH (lbs)	11,600
EXTERNAL PRESSURE CAPACITY (psi)	9,760
INTERNAL PRESSURE CAPACITY (psi)	10,400
JOINT YIELD STRENGTH (lbs)	11,600
BENDING (100 ft)	361 deg
MAKE-UP TORQUE MINIMUM (ft-lbs)	175
MAKE-UP TORQUE OPTIMUM (ft-lbs)	197
MAKE-UP TORQUE MAXIMUM (ft-lbs)	219

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

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