

**4" – NC40 – 5.250" OD X 2.688" ID – SPIRAL - HWDP**

TUBE / PIPE BODY	NOMINAL
TYPE	SPIRAL
TUBE OD	4.000 in
TUBE ID	2.563 in
TUBE WALL	0.719 in
WALL SMYS	55,000 psi
TUBE TENSILE	407,500 lbs
TUBE TORSIONAL	27,635 ft-lbs
TUBE COLLAPSE	15,300 psi
TUBE BURST	18,050 psi

TOOL JOINT SPECIFICATIONS	NOMINAL
TOOL JOINT DESCRIPTION	NC40
TOOL JOINT OD	5.250 in
TOOL JOINT ID	2.688 in
TOOL JOINT SMYS	120,000 psi
TOOL JOINT TENSILE	711,700 lbs
TOOL JOINT TORSIONAL	23,404 ft-lbs
THREAD COMPOUND	1.00 FF

HWDP ASSEMBLY SPECIFICATIONS	
RANGE	2
DRIFT	2.313 in
ADJUSTED WEIGHT (INCLUDES TOOL JOINTS)	34.10 <sup>1</sup> lbs/ft
DISPLACEMENT ESTIMATE (INCLUDES TOOL JOINTS)	0.0124 <sup>1</sup> bbls/ft
CAPACITY ESTIMATE (INCLUDES TOOL JOINTS)	0.0065 <sup>1</sup> bbls/ft



<sup>1</sup>AT NOMINAL WALL THICKNESS

MAKEUP TORQUE SPECIFICATIONS	THREAD COMPOUND FRICTION FACTOR	
	1.00 FF	1.15 FF*
MAXIMUM MAKEUP TORQUE	15,800 ft-lbs	18,170* ft-lbs
MINIMUM MAKEUP TORQUE	13,300 ft-lbs	15,295* ft-lbs
TOOL JOINT TORSIONAL YIELD	23,404 ft-lbs	26,915* ft-lbs

\*FRICTION FACTOR ADJUSTMENT BASED ON USING COPPER BASED THREAD COMPOUND WITH A FRICTION FACTOR OF 1.15.

\*WHEN APPLYING A 1.15 FF THREAD COMPOUND THE TOOL JOINT TORSIONAL YIELD WILL INCREASE BY AN ADDITIONAL 15%.

- MAXIMUM MAKEUP TORQUE SHOULD BE USED WHEN POSSIBLE.
- NOMINAL BURST CALCULATED AT 87.5% RBW PER API.
- TUBE TENSILE, TORSIONAL, COLLAPSE, DISPLACEMENT, CAPACITY & ADJUSTED WEIGHT CALCULATED AT NOMINAL WALL THICKNESS.
- BURST & COLLAPSE ASSUME NO AXIAL LOAD OR BENDING IN STRING.
- IT IS RECOMMENDED THAT DRILLING TORQUE SHOULD NOT EXCEED 80% OF MAKEUP TORQUE.

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***Start saving time and money today!***

To order your 4", NC40 Spiral Heavy Weight Drill Pipe for your offshore & land needs, or for further information, please contact:

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