

3 1/2" – NC38 (3 1/2" IF) – 4.875" OD X 2.375" ID – SPIRAL - HWDP

TUBE / PIPE BODY	NOMINAL	
TYPE	SPIRAL	
TUBE OD	3.500	in
TUBE ID	2.250	in
TUBE WALL	0.625	in
WALL SMYS	55,000	psi
TUBE TENSILE	310,475	lbs
TUBE TORSIONAL	18,460	ft-lbs
TUBE COLLAPSE	15,050	psi
TUBE BURST	17,700	psi

TOOL JOINT SPECIFICATIONS	NOMINAL	
TOOL JOINT DESCRIPTION	NC38 (3 1/2" IF)	
TOOL JOINT OD	4.875	in
TOOL JOINT ID	2.375	in
TOOL JOINT SMYS	120,000	psi
TOOL JOINT TENSILE	675,000	lbs
TOOL JOINT TORSIONAL	20,999	ft-lbs
THREAD COMPOUND	1.00	FF

HWDP ASSEMBLY SPECIFICATIONS		
RANGE	2	
DRIFT	2.000	in
ADJUSTED WEIGHT (INCLUDES TOOL JOINTS)	30.81 ¹	lbs/ft
DISPLACEMENT ESTIMATE (INCLUDES TOOL JOINTS)	0.0087 ¹	bbbls/ft
CAPACITY ESTIMATE (INCLUDES TOOL JOINTS)	0.0050 ¹	bbbls/ft



¹AT NOMINAL WALL THICKNESS

MAKEUP TORQUE SPECIFICATIONS	THREAD COMPOUND FRICTION FACTOR	
	1.00 FF	1.15 FF*
MAXIMUM MAKEUP TORQUE	14,230 ft-lbs	16,365* ft-lbs
MINIMUM MAKEUP TORQUE	11,930 ft-lbs	13,720* ft-lbs
TOOL JOINT TORSIONAL YIELD	20,999 ft-lbs	24,149* 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 3 1/2", NC38 Spiral Heavy Weight Drill Pipe for your offshore & land needs, or for further information, please contact:

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