

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

TUBE / PIPE BODY	NOMINAL	
TYPE	STANDARD	
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
NUMBER OF WEARPADS	1	
WEARPAD LENGTH	26	in

HWDP ASSEMBLY SPECIFICATIONS		
RANGE	2	
DRIFT	2.000	in
ADJUSTED WEIGHT (INCLUDES TOOL JOINTS)	23.90 <sup>1</sup>	lbs/ft
DISPLACEMENT ESTIMATE (INCLUDES TOOL JOINTS)	0.0087 <sup>1</sup>	bbbls/ft
CAPACITY ESTIMATE (INCLUDES TOOL JOINTS)	0.0050 <sup>1</sup>	bbbls/ft



<sup>1</sup>AT 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.

Information is provided for reference and illustration purposes only. It has been extracted from information available from the manufacturer and other public domain sources. Quality Rental Tools accepts no responsibility or liability to any party for the accuracy of the technical information provided or for any error, omission, or misstatement. The reader is fully responsible for the accuracy of all technical data and expected to make independent enquiry and to rely on their own skill and judgement in evaluating whether any product or equipment is suitable. Figures may exclude the effects of wear, bore back, ID chamfers, stress relief features and/or spiral features.

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

To order your 3 1/2", NC38 Standard Heavy Weight Drill Pipe for your offshore & land needs, or for further information, please contact:

Toll Free T: 888-922-3449  
 Houma, Louisiana T: 985-851-3449  
 Cadiz, Ohio T: 330-205-2718  
 Midland, Texas T: 432-219-3400  
 company@qualityrentaltools.com  
 www.qualityrentaltools.com