

4" – Delta391 – 4.875" OD X 2.563" ID – STANDARD - HWDP

TUBE / PIPE BODY	NOMINAL	
TYPE	STANDARD	
TUBE OD	4.000	in
TUBE ID	2.563	in
TUBE WALL	0.719	in
WALL SMYS	55,000	psi
TUBE TENSILE	407,390	lbs
TUBE TORSIONAL	27,630	ft-lbs
TUBE COLLAPSE	16,120	psi
TUBE BURST	17,290	psi

TOOL JOINT SPECIFICATIONS	NOMINAL	
TOOL JOINT DESCRIPTION	Delta391	
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	2.313	in
ADJUSTED WEIGHT (INCLUDES TOOL JOINTS)	28.3 ¹	lbs/ft
DISPLACEMENT ESTIMATE (INCLUDES TOOL JOINTS)	0.0104 ¹	bbbls/ft
CAPACITY ESTIMATE (INCLUDES TOOL JOINTS)	0.0064 ¹	bbbls/ft



¹AT NOMINAL WALL THICKNESS

MAKEUP TORQUE SPECIFICATIONS	THREAD COMPOUND FRICTION FACTOR	
	1.00 FF	1.15 FF*
MAXIMUM MAKEUP TORQUE	22,100 ft-lbs	25,400* ft-lbs
MINIMUM MAKEUP TORQUE	18,400 ft-lbs	21,100* ft-lbs
TOOL JOINT TORSIONAL YIELD	36,800 ft-lbs	42,300* 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" Delta391 Heavy Weight Drill Pipe for your offshore & land needs, or for further information, please contact:

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