

5 1/2" – DELTA™ 544 – 6.625" OD X 3.250" ID – STANDARD - HWDP

TUBE / PIPE BODY	NOMINAL	
TYPE	STANDARD	
TUBE OD	5.500	in
TUBE ID	3.250	in
TUBE WALL	1.125	in
WALL SMYS	55,000	psi
TUBE TENSILE	850,400	lbs
TUBE TORSIONAL	75,860	ft-lbs
TUBE COLLAPSE	17,897	psi
TUBE BURST	19,690	psi

TOOL JOINT SPECIFICATIONS	NOMINAL	
TOOL JOINT DESCRIPTION	DELTA™ 544	
TOOL JOINT OD	6.625	in
TOOL JOINT ID	3.250	in
TOOL JOINT SMYS	130,000	psi
TOOL JOINT TENSILE	1,401,900	lbs
TOOL JOINT TORSIONAL	86,600	ft-lbs
THREAD COMPOUND	1.00	FF
NUMBER OF WEARPADS	1	
WEARPAD LENGTH	26	in

HWDP ASSEMBLY SPECIFICATIONS		
RANGE	2	
DRIFT	3.000	in
ADJUSTED WEIGHT (INCLUDES TOOL JOINTS)	57.40 ¹	lbs/ft
DISPLACEMENT ESTIMATE (INCLUDES TOOL JOINTS)	0.0209 ¹	bbls/ft
CAPACITY ESTIMATE (INCLUDES TOOL JOINTS)	0.0103 ¹	bbls/ft



¹AT NOMINAL WALL THICKNESS

MAKEUP TORQUE SPECIFICATIONS	THREAD COMPOUND FRICTION FACTOR	
	1.00 FF	1.15 FF*
MAXIMUM MAKEUP TORQUE	60,600 ^{2*} ft-lbs	69,690 ^{2*} ft-lbs
MINIMUM MAKEUP TORQUE	43,300 ft-lbs	49,795 ^{2*} ft-lbs
TOOL JOINT TORSIONAL YIELD	86,600 ft-lbs	99,590* ft-lbs

²NOV GRANT PRIDECO EXTENDED MUT APPLIED.

² EXTENDED MAKEUP TORQUE AS DEFINED IN NOV GRANT PRIDECO PRODUCT BULLETIN PR-43.1-2017JAN26-EXT – AVAILABLE UPON REQUEST.

*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 STRENGTH 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 5 1/2", Delta™544 Standard Heavy Weight Drill Pipe for your offshore & land needs, or for further information, please contact:

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