

6 5/8" – FH – 8.250" OD X 4.625" ID – SPIRAL - HWDP

TUBE / PIPE BODY	NOMINAL	
TYPE	SPIRAL	
TUBE OD	6.625	in
TUBE ID	4.500	in
TUBE WALL	1.063	in
WALL SMYS	55,000	psi
TUBE TENSILE	1,021,185	lbs
TUBE TORSIONAL	118,845	ft-lbs
TUBE COLLAPSE	14,200	psi
TUBE BURST	16,600	psi

TOOL JOINT SPECIFICATIONS	NOMINAL	
TOOL JOINT DESCRIPTION	FH	
TOOL JOINT OD	8.250	in
TOOL JOINT ID	4.625	in
TOOL JOINT SMYS	120,000	psi
TOOL JOINT TENSILE	1,490,490	lbs
TOOL JOINT TORSIONAL	76,160	ft-lbs
THREAD COMPOUND	1.00	FF

HWDP ASSEMBLY SPECIFICATIONS		
RANGE	2	
DRIFT	4.250	in
ADJUSTED WEIGHT (INCLUDES TOOL JOINTS)	81.90 [†]	lbs/ft
DISPLACEMENT ESTIMATE (INCLUDES TOOL JOINTS)	0.0298 [†]	bbbls/ft
CAPACITY ESTIMATE (INCLUDES TOOL JOINTS)	0.0200 [†]	bbbls/ft



[†]AT NOMINAL WALL THICKNESS

MAKEUP TORQUE SPECIFICATIONS	THREAD COMPOUND FRICTION FACTOR	
	1.00 FF	1.15 FF*
MAXIMUM MAKEUP TORQUE	56,700 ft-lbs	65,205* ft-lbs
MINIMUM MAKEUP TORQUE	47,600 ft-lbs	54,740* ft-lbs
TOOL JOINT TORSIONAL YIELD	76,160 ft-lbs	87,584* 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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