



### 5.5" DPM-DS55 HWDP PERFORMANCE DATA SHEET

**Pipe Size & Weight:** 5.500\_39.51\_lb/ft  
**Pipe Grade:** 120ksi Integral HWDP  
**Range:** 2  
**Tool Joint:** 7.000 OD x 4.000 ID

IMPERIAL UNIT

HWDP DIMENSIONS & MATERIALS			HWDP MECHANICAL PERFORMANCES		
PIPE		New (Nominal)	PIPE		NEW (Nominal)
Pipe Outside Diameter (OD)	in	5.500	Internal Pressure Capacity	psi	32,351
Pipe Inside Diameter (ID)	in	4.000	Cross Sectional Area Pipe Body	in Sq	11.192
Wall Thickness	in	0.750	Polar Section Modulus	in Cu	23.528
Calculated Plain End Weight	lbs/ft	39.510	Section Modulus	in Cu	11.764
Tensile Strength	lbs	1,343,031	Cross Sectional Area OD	in Sq	23.758
Torsional Strength	ft-lbs	135,759	Cross Sectional Area ID	in Sq	12.566
80% Torsional Strength	ft-lbs	108,607	Tool Joint / Pipe Body Torsional Ratio		0.509
HWDP TOOL JOINT			HWDP ASSEMBLY		
		New (Nominal)			New (Nominal)
Connection Type		DPM-DS55	Approx. Length	ft	31.00
Material Yield Strength	ksi	120	Adjusted Weight	lbs/ft	47.33
Outside Diameter (OD)	in	7.000			
Inside Diameter (ID)	in	4.000	Drift Size	in	3.813
Pin Tong Length	in	24.000			
Box Tong Length	in	24.000	Fluid Displacement	gal/ft	0.723
Tensile Strength	lbs	1,197,046	Fluid Capacity	gal/ft	0.653
Torsional Strength	ft-lbs	69,059			
Max. Make-Up Torque	ft-lbs	48,300			
Min. Make-up Torque	ft-lbs	34,500			
Balanced OD	in	6.835			

Premium properties are calculated based on uniform Outside Diameter and Wall Thickness

Torque performances are calculated with coefficient of friction factor , 0.08.

API recommends a torsional ratio of 0.8 or greater

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The information contained in this Performance Data Sheet is subject to revision without notice.