



5.5" DPM-DS55 HWDP PERFORMANCE DATA SHEET

Pipe Size & Weight: 5.500_54.02_lb/ft
 Pipe Grade: 110ksi Integral HWDP
 Range: 2
 Tool Joint: 7.000 OD x 3.250 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	46,430
Pipe Inside Diameter (ID)	in	3.250	Cross Sectional Area Pipe Body	in Sq	15.463
Wall Thickness	in	1.125	Polar Section Modulus	in Cu	28.685
Calculated Plain End Weight	lbs/ft	54.020	Section Modulus	in Cu	14.342
Tensile Strength	lbs	1,700,878	Cross Sectional Area OD	in Sq	23.758
Torsional Strength	ft-lbs	151,718	Cross Sectional Area ID	in Sq	8.296
80% Torsional Strength	ft-lbs	121,375	Tool Joint / Pipe Body Torsional Ratio		0.588
HWDP TOOL JOINT			HWDP ASSEMBLY		
		New (Nominal)			New (Nominal)
Connection Type		DPM-DS55	Approx. Length	ft	31.50
Material Yield Strength	ksi	110	Adjusted Weight	lbs/ft	61.72
Outside Diameter (OD)	in	7.000			
Inside Diameter (ID)	in	3.250	Drift Size	in	3.063
Pin Tong Length	in	24.000			
Box Tong Length	in	24.000	Fluid Displacement	gal/ft	0.943
Tensile Strength	lbs	1,575,158	Fluid Capacity	gal/ft	0.431
Torsional Strength	ft-lbs	89,182			
Max. Make-Up Torque	ft-lbs	62,400			
Min. Make-up Torque	ft-lbs	53,500			
Balanced OD	in	7.228			

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.