

## PRODUCT RANGE (HEAVY WEIGHT DRILL PIPE)

Product Range							Heavy Weight Drill Pipe/Spiral Heavy Weight Drill Pipe									
Tube							Tool Joints					Approx. Unitized Weight (lbs.)				
Nominal  Size (A)	Dimensions (inches)			Mechanical Properties					Mechanical Properties		Slick Heavy Weight Drill Pipe		Spiral Heavy Weight Drill Pipe		Make-up	
	ID	Wall	Center Upsets	End Upsets (B)	Tensile	Torsional	Connection	OD	ID	Tensile	Torsional	Per foot	Per joint	per foot	per joint (30'6")	(ft-lb)
					yield (lb)	yield				yield (lb)	yield		(30'6")			
						(ft-lb)				Type			(ft-lb)			
3 1/2	2 1/16	0.718	4	3 7/8	345,400	19,580	NC 38	4 3/4	2 3/16	748,800	17,200	25.3	760	25.9	800	9,800
							(31/2IF)	or								
								4 7/8								
3 1/2	2 1/4	0.625	4	3 7/8	310,500	18,460	NC 38	4 3/4	2 5/16	700,400	17,200	23.2	713	23.9	753	9,800
							(3 1/2IF)	or								
								4 7/8								
4	2 9/16	0.719	4 1/2	4 3/16	407,500	27,640	NC 40	5 1/4	2 5/8	740,400	24,500	29.7	890	31.9	935	13,900
							(4 FH)	or								
								5 3/8								
4 1/2	2 3/4	0.875	5	4 11/16	548,100	40,720	NC 46	6 1/4	2 7/8	1,024,500	38,800	41	1,230	42.6	1,281	22,000
							(4 IF)	or								
								6 3/8								
5	3	1	5 1/2	5 1/8	691,200	56,500	NC 50	6 1/2	3 1/16	1,265,700	51,400	49.3	1,480	51.1	1,536	29,200
							(4 1/2 IF)	or								
								6 5/8								
5 1/2	3 1/4	1.094	6	5 11/16	850,400	75,860	5 1/2 FH	7 1/4	3 5/16	1,449,700	64,900	58.1	1,802	60.1	1,864	40,600
6 5/8	4 1/2	1.063	7 1/4	6 15/16	1,021,200	118,850	6 5/8 FH	8	4 1/2	1,580,500	73,200	70.5	2,185	73.5	2,278	45,800
								or								
								8 1/4								

Mechanical Properties	Tool Joint	Central Heavy Wall Tube
	(AISI 4145)	(AISI 1340)
Yield Strength Min. (psi)	120,000	55,000
Tensile Strength Min. (psi)	140,000	95,000

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