

Heavy Weight Drill Pipe

Tube									Tool Joint					Weight (lb)		
Nominal Size (A)	Nominal Tube Dimensions					Mechanical Properties Tube			Connection Size and Type	OD (D)	ID	Mechanical Properties Tool Joint		Approx. Incl. Tube & Tool Joints		Make-up Torque (ft-lb)
	ID	Wall Thickness	Area (in. ²)	(Z) Section Modulus (in. ³)	Center Upsets (C)	End Upsets (B)	Tensile Yield (lb)	Torsional Yield (ft-lb)				Tensile Yield (lb)	Torsional Yield (ft-lb)	Per foot	Per Joint (31 ft)	
2 7/8	1 1/2	0.688	4.727	2.161	3 5/16	2 15/16	520,000	22,400	NC26 (2 3/8 IF)	3 3/8	1 1/2	357,700	6,300	17.26	535	3,800
3 1/2	2 1/16	0.719	6.282	3.702	4	3 7/8	345,500	19,600	NC38 (3 1/2 IF)	4 3/4	2 3/16	749,000	17,600	25.65	795	10,500
3 1/2	2 1/4	0.625	5.645	3.490	4	3 7/8	310,500	18,500	NC38 (3 1/2 IF)	4 3/4	2 5/16	700,400	17,600	23.48	728	10,500
4	2 9/16	0.719	7.411	5.225	4 1/2	4 3/16	407,600	27,600	NC40 (4 FH)	5 1/4	2 5/8	740,400	24,500	29.92	928	12,900
4 1/2	2 3/4	0.875	9.965	7.698	5	4 11/16	548,100	40,700	NC46 (4 IF)	6 1/4	2 7/8	1,024,500	38,800	41.45	1,285	20,000
5	3	1.000	12.566	10.681	5 1/2	5 1/8	691,200	56,500	NC50 (4 1/2 IF)	6 5/8	3 1/16	1,265,500	51,600	50.38	1,562	26,800
5 1/2	3 1/4	1.125	15.463	14.342	6	5 11/16	850,400	75,900	5 1/2 FH	7 1/4	3 5/16	1,499,700	65,000	61.63	1,911	33,600
5 7/8	4	0.938	14.542	15.630	6 3/8	6	799,800	82,700	XT57	7	4	1,169,300	88,500	57.42	1,780	53,100
6 5/8	4 1/2	1.063	18.574	22.476	7 1/4	6 15/16	1,021,600	118,900	6 5/8 FH	8	4 1/2	1,580,100	73,200	71.43	2,214	42,100

NOTE: 2-7/8" Spiral-Wate is manufactured integral only (non-welded).