

# Drill Pipe Data

Size	GRADE E-75			GRADE X-95			GRADE G-105			GRADES S-135			
	Weight	Weight With Tool Joints <sup>1</sup> , lbs./ft.	New Tensile Strength of Tube, lbs.	Premium Tensile Strength of Tube <sup>2</sup> , lbs.	Weight With Tool Joints <sup>1</sup> , lbs./ft.	New Tensile Strength of Tube, lbs.	Premium Tensile Strength of Tube <sup>2</sup> , lbs.	Weight With Tool Joints <sup>1</sup> , lbs./ft.	New Tensile Strength of Tube, lbs.	Premium Tensile Strength of Tube <sup>2</sup> , lbs.	Weight With Tool Joints <sup>1</sup> , lbs./ft.	New Tensile Strength of Tube, lbs.	Premium Tensile Strength of Tube <sup>2</sup> , lbs.
2-3/8	4.85	5.26	97,800	76,900	-	123,900	97,400	-	136,900	107,700	-	176,100	138,400
2-3/8	6.65	6.99	138,200	107,600	7.11	175,100	136,300	7.11	93,500	150,700	-	248,800	193,700
2-7/8	6.85	7.50	135,900	106,900	-	172,100	135,500	-	190,300	149,700	-	244,600	192,500
2-7/8	10.40	10.87	214,300	166,500	11.09	271,500	210,900	11.09	300,100	233,100	11.55	385,800	299,800
3-1/2	9.50	10.58	194,300	153,000	-	246,100	193,800	-	272,000	214,200	-	349,700	275,400
3-1/2	13.30	13.93	271,600	212,200	14.62	344,000	268,700	14.71	380,200	297,000	14.92	488,800	381,900
3-1/2	15.50	16.54	322,800	250,600	16.82	408,800	317,500	17.03	451,900	350,900	17.57 <sup>3</sup>	581,000	451,100
4	11.85	13.52	230,800	182,000	-	292,300	230,600	-	323,100	254,800	-	415,400	327,600
4	14.00	15.85	285,400	224,200	16.19	361,500	284,000	16.19	399,500	313,900	16.42	513,600	403,500
4	15.70	17.54	324,100	253,900	17.80	410,600	321,500	17.80	453,800	355,400	18.02	583,400	456,900
4-1/2	13.75	15.36 <sup>4</sup>	270,000	213,300	-	342,000	270,100	-	378,000	298,600	-	486,100	383,900
4-1/2	16.60	18.37	330,600	260,200	18.79	418,700	329,500	18.79	462,800	364,200	19.00	595,000	468,300
4-1/2	20.00	22.09	412,400	322,900	22.67	522,300	409,000	22.86	577,300	452,100	23.03	742,200	581,200
4-1/2	22.82	24.56	471,200	367,600	24.77	596,900	465,600	24.96	659,700	514,600	25.41 <sup>5</sup>	848,200	661,600
5	16.25	-	328,100	259,200	-	415,600	328,300	-	459,300	362,800	-	590,500	466,500
5	19.50	20.85	395,600	311,500	21.45	501,100	394,600	21.93	553,800	436,200	22.61	712,100	560,800
5	25.60	26.85	530,100	414,700	27.87	671,500	525,300	28.32	742,200	580,600	9.43 <sup>6</sup>	954,300	746,400
5-1/2	19.20	-	372,200	294,300	-	471,400	372,700	-	521,100	412,000	-	669,900	529,700
5-1/2	21.90	23.78	437,100	344,800	24.53	553,700	436,700	25.38	612,000	482,700	26.50	786,800	620,600
5-1/2	24.70	26.30	497,200	391,300	27.85	629,800	495,600	27.85	696,100	547,800	27.77	895,000	704,300
6-5/8	25.20	27.28	489,500	387,500	27.15	620,000	490,800	28.20	685,300	542,500	29.63	881,000	697,400
6-5/8	27.70	29.06	534,200	422,400	30.11	676,700	535,100	30.11	747,900	591,400	31.54	961,600	760,400

<sup>1</sup> 2-3/8" to 4" sizes are based on an external upset drill pipe with Internal Flush (IF) Number connections (NC)  
<sup>2</sup> 4-1/2" to 5" sizes are based on internal/external upset drill pipe with Extra Hole (XH) Number Connections (NC)  
<sup>3</sup> 5-1/2" to 6-5/8" sizes are based on internal/external upset drill pipe with Full Hole (FH) connections  
<sup>4</sup> Based on 20 percent uniform wear on outside diameter of tube  
<sup>5</sup> 3-1/2" 15.50 S-135 drill pipe is NC 40 (Full Hole (FH)) connection  
<sup>6</sup> 4-1/2" 13.75 E-75 drill pipe is external upset drill pipe with NC 50 (IF) connection  
<sup>7</sup> 4-1/2" 22.82 S-135 drill pipe is external upset drill pipe with NC 50 (IF) connection  
<sup>8</sup> 5" 25.60 S-135 drill pipe is 5-1/2" (FH) connection