

# Drill Pipe New

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DRILL PIPE PROPERTIES																			
PIPE O.D.	NOMINAL PIPE WEIGHT	PIPE MATERIAL	UPSET STYLE	APPROX. ACTUAL WEIGHT	WALL THICKNESS	CONN. SIZE	CONN. TYPE	T.J. O.D.	T.J. BORE	DRIFT DIAMETER	PIPE TENSILE YIELD STRENGTH	PIN TENSILE YIELD STRENGTH	PIPE TORSIONAL YIELD STRENGTH	T.J. TOSIONAL YIELD STENGTH		TORSIONAL RATIO	API MAKE-UP	MINIMUM COLLAPSE PRESSURE	MINIMUM INTERNAL YIELD
in.	lbs./fl			lbs./fl	in.			in.	in.	in.	lbs.	lbs.	ft./lbs	ft./lbs	**		ft./lbs	p.s.i	p.s.i.
2 3/8"	6.65	E-75	EU	7.05	0.280	API	NC 26	3 3/8	1 3/4	1.625	138,214	313,681	6,250	6875	b	1.10	4,125	15,599	15,474
2 3/8"	6.65	X-95	EU	7.14	0.280	API	NC 26	3 3/8	1 3/4	1.625	175,072	313,681	7,917	6875	b	0.87	4,125	19,759	19,600
2 3/8"	6.65	G-105	EU	7.14	0.280	API	NC 26	3 3/8	1 3/4	1.625	193,500	313,681	8,751	6875	b	0.79	4,125	21,839	21,663
2 3/8"	6.65	S-135	EU	7.14	0.280	API	NC 26	3 3/8	1 3/4	1.625	248,786	313,681	11,251	6875	b	0.61	4,125	28,079	27,853
2 7/8"	10.40	E-75	EU	10.95	0.362	API	NC 31	4 1/8	2 1/8	1.963	214,344	447,130	11,554	11871	p	1.03	7,122	16,509	16,526
2 7/8"	10.40	X-95	EU	11.14	0.362	API	NC 31	4 1/8	2	1.875	271,503	495,726	14,635	13196	p	0.90	7,918	20,911	20,933
2 7/8"	10.40	G-105	EU	11.14	0.362	API	NC 31	4 1/8	2	1.875	300,082	495,726	16,176	13196	p	0.82	7,918	23,112	23,137
2 7/8"	10.40	S-135	EU	10.38	0.362	API	PAC	3 1/8	1 1/2	1.375	385,820	273,024	20,798	5732	p	0.28	3,439	29,716	29,747
2 7/8"	10.40	S-135	EU	11.63	0.362	API	NC 31	4 3/8	1 5/8	1.500	385,820	623,844	20,798	16946	p	0.81	10,167	29,716	29,747
3 1/2"	13.30	E-75	EU	14.02	0.368	API	NC 38	4 3/4	2 11/16	2.457	271,569	587,308	18,551	18107	p	0.98	10,864	14,113	13,800
3 1/2"	13.30	X-95	EU	14.32	0.368	API	NC 38	4 3/4	2 9/16	2.438	343,988	649,158	23,498	19174	b	0.82	11,504	17,877	17,480
3 1/2"	13.30	X-95	EU	14.71	0.368	API	NC 38	5	2 9/16	2.438	343,988	649,158	23,498	20326	p	0.86	12,196	17,877	17,480
3 1/2"	13.30	G-105	EU	14.81	0.368	API	NC 38	5	2 7/16	2.313	380,197	708,063	25,972	22213	p	0.86	13,328	19,758	19,320
3 1/2"	13.30	S-135	EU	15.02	0.368	API	NC 38	5	2 1/8	2.000	488,825	842,440	33,393	26515	p	0.79	15,909	25,404	24,840
3 1/2"	15.50	E-75	EU	16.29	0.449	API	NC 38	4 3/4	2 9/16	2.414	322,775	649,158	21,086	19174	b	0.91	11,504	16,774	16,838
3 1/2"	15.50	E-75	EU	16.68	0.449	API	NC 38	5	2 9/16	2.414	322,775	649,158	21,086	20326	p	0.96	12,196	16,774	16,838
3 1/2"	15.50	X-95	EU	16.65	0.449	API	NC 38	4 7/8	2 9/16	2.438	408,848	649,158	26,709	20194	p	0.76	12,116	21,247	21,328
3 1/2"	15.50	X-95	EU	16.95	0.449	API	NC 38	5	2 7/16	2.313	408,848	708,063	26,709	22213	p	0.83	13,328	21,247	21,328
3 1/2"	15.50	G-105	EU	17.16	0.449	API	NC 38	5	2 1/8	2.000	451,885	842,440	*29,520	26515	p	0.90	15,909	23,484	23,573
3 1/2"	15.50	S-135	EU	16.46	0.449	API	NC 38	4 3/4	2 9/16	2.438	580,995	649,158	37,954	19174	b	0.51	11,504	30,194	30,308

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PIPE O.D.	NOMINAL PIPE WEIGHT	PIPE MATERIAL	UPSET STYLE	APPROX. ACTUAL WEIGHT	WALL THICKNESS	CONN. SIZE	CONN. TYPE	T.J. O.D.	T.J. BORE	DRIFT DIAMETER	PIPE TENSILE YIELD STRENGTH	PIN TENSILE YIELD STRENGTH	PIPE TORSIONAL YIELD STRENGTH	T.J. TOSIONAL YIELD STENGTH		TORSIONAL RATIO	API MAKE-UP	MINIMUM COLLAPSE PRESSURE	MINIMUM INTERNAL YIELD
in.	lbs./fl			lbs./fl	in.			in.	in.	in.	lbs.	lbs.	ft./lbs	ft./lbs	**		ft./lbs	p.s.i	p.s.i.
4"	14.00	E-75	IU	15.15	0.330	API	NC 40	5 1/4	2 13/16	2.688	285,359	711,611	23,288	23,487	p	1.01	14,092	11,354	10,828
4"	14.00	X-95	IU	15.38	0.330	API	NC 40	5 1/4	2 11/16	5.563	361,454	776,406	29,498	25,673	p	0.87	15,404	14,382	13,716
4"	14.00	G-105	IU	15.89	0.330	API	NC 40	5 1/2	2 9/16	2.438	399,502	838,257	32,603	28,102	p	0.86	16,861	15,896	15,159
4"	14.00	G-105	IU	15.98	0.330	API	NC 40	5 1/2	2 7/16	2.313	399,502	897,161	32,603	30,114	p	0.92	18,068	15,896	15,159
4"	14.00	S-135	IU	15.89	0.330	API	NC 40	5 1/2	2 9/16	2.438	513,646	838,257	41,918	28,102	p	0.67	16,861	20,137	19,491
4"	14.00	S-135	IU	16.26	0.330	API	NC 40	5 1/2	2	1.875	513,646	1,080,135	41,918	36,363	p	0.87	21,818	20,137	19,491
4 1/2"	16.60	E-75	IEU	18.54	0.337	API	NC 46	6 1/4	3 1/4	3.125	330,558	901,164	30,807	33,993	p	1.10	20,396	10,392	9,829
4 1/2"	16.60	X-95	IEU	19.79	0.337	API	NC 46	6 1/4	3	2.875	418,707	1,048,427	39,022	39,659	p	1.02	23,795	12,763	12,540
4 1/2"	16.60	G-105	IEU	18.79	0.337	API	NC 46	6 1/4	3	2.875	462,781	1,048,427	43,130	39,659	p	0.92	23,795	13,825	13,761
4 1/2"	16.60	S-135	IEU	19.01	0.337	API	NC 46	6 1/4	2 3/4	2.625	595,004	1,183,908	55,453	44,871	p	0.81	26,923	16,769	17,693
4 1/2"	20.00	E-75	IEU	22.33	0.430	API	NC 46	6 1/4	3	2.875	412,358	1,048,427	36,901	39,659	p	1.07	23,795	12,964	12,542
4 1/2"	20.00	X-95	IEU	22.83	0.430	API	NC 46	6 1/4	2 3/4	2.625	522.32	1,183.91	46,741	44,871	p	0.96	26,923	16,421	15,886
4 1/2"	20.00	G-105	IEU	22.62	0.430	API	NC 46	6 1/4	3	2.875	577,301	1,048,427	51,661	39,659	p	0.77	23,795	18,149	17,558
4 1/2"	20.00	G-105	IEU	23.03	0.430	API	NC 46	6 1/4	2 1/2	2375.000	577,301	1,307,608	51,661	49,630	p	0.99	29,778	18,149	17,558
4 1/2"	20.00	G-135	IEU	23.20	0.430	API	NC 46	6 1/4	2 1/4	2125.000	742,244	1,419,527	66,422	53,936	p	0.81	32,362	23,335	22,575
5"	19.50	E-75	IEU	21.54	0.362	API	NC 50	6 5/8	3 3/4	3.625	395,595	939,096	41,167	38,060	p	0.93	22,836	9,962	9,503
5"	19.50	X-95	IEU	22.06	0.362	API	NC 50	6 1/2	3 1/4	3.125	501,087	1,268,963	52,144	51,447	p	0.99	30868	12,024	12,037
5"	19.50	X-95	IEU	22.07	0.362	API	NC 50	6 5/8	3 1/2	3.375	501,087	1,109,902	52,144	45,127	p	0.87	27,076	12,024	12,037
5"	19.50	G-105	IEU	22.32	0.362	API	NC 50	6 5/8	3 1/4	3.125	553,833	1,268,963	57,633	51,708	p	0.90	31,025	12,999	13,304
5"	19.50	S-135	IEU	22.76	0.362	API	NC 50	6 5/8	2 3/4	2.625	712,070	1,551,706	74,100	63,406	p	0.86	38,044	15,667	17,105
5"	25.60	E-75	IEU	27.60	0.500	API	NC 50	6 5/8	3 1/2	3.375	530,144	1,109,902	52,257	45,127	p	0.86	27,076	13,500	13,125
5"	25.60	X-95	IEU	28.33	0.500	API	NC 50	6 5/8	3	2.875	671,515	1,416,225	66,192	57,800	p	0.87	34,680	17,100	16,625

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in.	lbs./ft			lbs./ft	in.			in.	in.	in.	lbs.	lbs.	ft./lbs	ft./lbs	**		ft./lbs	p.s.i	p.s.i.
5"	25.60	G-105	IEU	28.54	0.500	API	NC 50	6 5/8	2 3/4	2.625	742,201	1,551,706	73,160	63,406	p	0.87	38,044	18,900	18,375
5 1/2"	21.90	E-75	IEU	23.98	0.361	5 1/2	API FH	7	4	3.875	437,116	1,265,801	50,710	55,933	p	1.10	33,560	8,413	8,615
5 1/2"	21.90	X-95	IEU	25.22	0.361	5 1/2	API FH	7 1/4	3 3/4	3.625	553,681	1,448,407	64,233	64,734	p	1.00	38,841	10,017	10,912
5 1/2"	21.90	G-105	IEU	25.50	0.361	5 1/2	API FH	7 1/4	3 1/2	3.375	611,963	1,619,231	70,994	72,483	p	1.02	43,490	10,753	12,061
5 1/2"	21.90	S-135	IEU	25.50	0.361	5 1/2	API FH	7 1/4	3 1/2	3.375	786,809	1,619,231	91,278	72,483	p	0.79	43,490	12,674	15,507
5 1/2"	21.90	S-135	IEU	26.66	0.361	5 1/2	API FH	7 1/2	3	2.875	786,809	1,925,536	91,278	87,170	p	0.95	52,302	12,674	15,507
5 1/2"	24.70	E-75	IEU	26.52	0.415	5 1/2	API FH	7	4	3.875	497,222	1,265,801	56,574	55,933	p	0.99	33,560	10,464	9,903
5 1/2"	24.70	X-95	IEU	28.01	0.415	5 1/2	API FH	7 1/4	3 1/2	3.375	629,814	1,619,231	71,661	72,483	p	1.01	43,490	12,931	12,544
5 1/2"	24.70	G-105	IEU	28.01	0.415	5 1/2	API FH	7 1/4	3 1/2	3.375	696,111	1,619,231	79,204	72,483	p	0.92	43,490	14,013	13,865
5 1/2"	24.70	S-135	IEU	29.17	0.415	5 1/2	API FH	7 1/2	3	2.875	894,999	1,925,536	101,834	87,170	p	0.86	52,302	17,019	17,826
6 5/8"	25.20	E-75	IEU	27.58	0.330	6 5/8	API FH	8	5	4.875	489,464	1,448,416	70,580	73,661	p	1.04	44,196	4,788	6,538
6 5/8"	25.20	X-95	IEU	27.58	0.330	6 5/8	API FH	8	5	4.875	619,988	1,448,416	89,402	73,661	p	0.82	44,196	5,321	8,281
6 5/8"	25.20	G-105	IEU	28.69	0.330	6 5/8	API FH	8 1/4	4 3/4	4.625	685,250	1,678,145	98,813	86,237	p	0.87	51,742	5,499	9,153
6 5/8"	25.20	S-135	IEU	30.21	0.330	6 5/8	API FH	8 1/2	4 1/4	4.125	881,035	2,102,260	127,045	109,226	p	0.86	65,535	6,041	11,768
6 5/8"	27.70	E-75	IEU	29.51	0.362	6 5/8	API FH	8	5	4.875	534,198	1,448,416	76,295	73,661	p	0.97	44,196	5,895	7,172
6 5/8"	27.70	X-95	IEU	30.62	0.362	6 5/8	API FH	8 1/4	4 3/4	4.625	676,651	1,678,145	96,640	86,237	p	0.89	51,742	6,754	9,084
6 5/8"	27.70	G-105	IEU	30.62	0.362	6 5/8	API FH	8 1/4	4 3/4	4.625	747,877	1,678,145	106,813	86,237	p	0.81	51,742	7,103	10,040
6 5/8"	27.70	S-135	IEU	29.51	0.362	6 5/8	API FH	8	5	4.875	961,556	1,448,416	137,331	73,661	p	0.54	44,196	7,809	12,909
6 5/8"	27.70	S-135	IEU	32.14	0.362	6 5/8	API FH	8 1/2	4 1/4	4.125	961,556	2,102,260	137,331	109,226	p	0.80	65,535	7,809	12,909