

DRILL PIPE TENSILE CAPACITY (LBS)

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Size (in)	Nom. Weight (lb/ft)	(P _T)											
		Class 1 (New) Pipe				Premium Class Pipe				Class 2 Pipe			
		E	X	G	S	E	X	G	S	E	X	G	S
2-3/8	4.85	97817	123902	136944	176071	76893	97398	107650	138407	66686	84469	93360	120035
	6.65	138214	175072	193500	248786	107616	136313	150662	193709	92871	117636	130019	167167
2-7/8	6.85	135902	172143	190263	244624	106946	135465	149725	192503	92801	117549	129922	167043
	10.40	214344	271503	300082	385820	166535	210945	233149	299764	143557	181839	200980	258403
3-1/2	9.50	194264	246068	271970	349676	152979	193774	214171	275363	132793	168204	185910	239027
	13.30	271569	343988	380197	488825	212150	268723	297010	381870	183398	232304	256757	330116
	15.50	322775	408848	451885	580995	250620	317452	350868	451115	215967	273558	302354	388741
4	11.85	230755	292290	323057	415360	182016	230554	254823	327630	158132	200301	221385	284638
	14.00	285359	361454	399502	513646	224182	283963	313854	403527	194363	246193	272108	349852
	15.70	324118	410550	453765	583413	253851	321544	355391	456931	219738	278335	307633	395528
4-1/2	13.75	270034	342043	378047	486061	213258	270127	298561	383864	185389	234827	259545	333701
	16.60	330558	418707	462781	595004	260165	329542	364231	468297	225771	285977	316080	406388
	20.00	412358	522320	577301	742244	322916	409026	452082	581248	279502	354035	391302	503103
	22.82	471239	596903	659735	848232	367566	465584	514593	661620	317497	402163	444496	571495
5	16.25	328073	415559	459302	590531	259155	328263	362817	466479	225316	285400	315442	405568
	19.50	395595	501087	553833	712070	311535	394612	436150	560765	270432	342548	378605	486778
	25.60	530144	671515	742201	954259	414690	525274	580566	746443	358731	454392	502223	654715
5-1/2	19.20	372181	471429	521053	669925	294260	372730	411965	529669	255954	324208	358335	460717
	21.90	437116	553681	611963	786809	344780	436721	482692	620604	299533	379409	419346	539160
	24.70	497222	629814	696111	894999	391285	495627	547799	704313	339533	430076	475347	611160
6-5/8	25.20	489464	619988	685250	881035	387466	490790	542452	697438	337236	427166	472131	607026
	27.70	534240	676670	747937	961632	422418	535063	591385	760352	367455	465443	514437	661419

DRILL PIPE TORSIONAL CAPACITY (FT-LBS)

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Size (in)	Nom. Weight (lb/ft)	(P _T)											
		Class 1 (New) Pipe				Premium Class Pipe				Class 2 Pipe			
E	X	G	S	E	X	G	S	E	X	G	S		
2-3/8	4.85	4763	6033	6668	8574	3725	4719	5215	6705	3224	4083	4513	5803
	6.65	6250	7917	8751	11251	4811	6093	6735	8659	4130	5232	5782	7434
2-7/8	6.85	8083	10238	11316	14549	6332	8020	8865	11397	5484	6946	7677	9871
	10.40	11554	14635	16176	20798	8858	11220	12401	15945	7591	9615	10627	13663
3-1/2	9.50	14146	17918	19805	25463	11094	14052	15531	19968	9612	12176	13457	17302
	13.30	18551	23498	25972	33392	14361	18191	20106	25850	12365	15663	17312	22258
	15.50	21086	26708	29520	37954	16146	20452	22605	29063	13828	17515	19359	24890
4	11.85	19474	24668	27264	35054	15310	19392	21433	27557	13281	16823	18594	23907
	14.00	23288	29498	32603	41918	18196	23048	25474	32752	15738	19935	22034	28329
	15.70	25810	32692	36134	46458	20067	25418	28094	36120	17315	21932	24241	31166
4-1/2	13.75	25907	32816	36270	46633	20403	25844	28564	36725	17715	22439	24801	31887
	16.60	30807	39022	43130	55453	24139	30576	33795	43450	20908	26483	29271	37634
	20.00	36901	46741	51661	66421	28683	36332	40157	51630	24747	31346	34645	44544
	22.82	40912	51821	57276	73641	31587	40010	44222	56856	27161	34404	38026	48890
5	16.25	35044	44389	49062	63079	27607	34969	38650	49693	23974	30368	33564	43154
	19.50	41167	52144	57633	74100	32285	40895	45199	58113	27976	35436	39166	50356
	25.60	52257	66192	73159	94062	40544	51356	56762	72979	34947	44267	48926	62905
5-1/2	19.20	44074	55826	61703	79332	34764	44035	48670	62575	30208	38263	42291	54374
	21.90	50710	64233	70994	91278	39863	50494	55809	71754	34582	43804	48414	62247
	24.70	56574	71660	79204	101833	44320	56139	62048	79776	38383	48619	53737	69090
6-5/8	25.20	70580	89402	98812	127044	55766	70637	78072	100379	48497	61430	67896	87295
	27.70	76294	96639	106812	137330	60191	76242	84267	108343	52306	66254	73228	94150