

# COMPARISON CHARTS AVERAGE STRENGTHS IN POUNDS

12-STRAND ROPES						DOUBLE BRAID ROPES						
Dia.	RP-12 Ultra-Blue	RP-12 SSR-1200	RP-12 Polyester	RP-12 Nylon	AmSteel	AmSteel-Blue	2-In-1 Super Strong	2-In-1 Stable Braid	Spectron II	Ultra-Tech	Dia.	
7/64"	-	-	-	-	1,200	-	-	-	-	-	7/64"	
1/8"	-	-	-	-	1,800	-	-	-	-	-	1/8"	
3/16"	-	-	-	-	3,800	-	-	-	-	2,300	3/16"	
1/4"	-	-	-	-	6,600	9,200	2,300	2,800	4,500	4,800	1/4"	
5/16"	-	-	-	-	9,800	13,700	3,400	4,200	7,500	7,800	5/16"	
3/8"	-	-	-	-	14,100	20,445	4,900	5,600	9,800	10,500	3/8"	
7/16"	-	-	-	-	16,500	23,925	6,600	7,700	11,700	14,800	7/16"	
1/2"	-	-	-	-	25,000	36,250	8,500	10,400	15,500	22,000	1/2"	
9/16"	-	-	-	-	30,800	44,660	-	13,300	22,000	-	9/16"	
5/8"	-	-	-	-	40,700	59,015	15,200	16,300	27,000	42,000	5/8"	
3/4"	13,500	16,000	17,400	18,400	48,000	69,600	19,100	20,400	35,000	<b>SPECIALTY ROPES</b>		
13/16"	-	-	-	-	56,500	81,925	-	-	40,000	<b>Mooring Master</b>		
7/8"	20,000	24,000	26,200	27,600	67,800	98,310	28,300	29,900	50,000	<b>D-7</b>	<b>P-7</b>	<b>Dia.</b>
1"	25,000	28,000	30,500	32,200	80,000	116,000	33,600	39,200	57,000	112,600	-	1"
1-1/16"	-	-	-	-	90,000	131,300	-	-	59,300	-	-	1-1/16"
1-1/8"	27,000	36,000	39,200	41,400	102,000	147,900	45,000	48,200	72,900	140,800	-	1-1/8"
1-1/4"	38,000	42,000	45,800	48,300	114,000	165,300	52,000	57,300	81,000	169,000	-	1-1/4"
1-5/16"	43,000	48,000	52,300	55,200	127,000	184,150	59,000	64,700	-	-	-	1-5/16"
1-1/2"	47,000	60,000	65,400	69,000	157,000	227,650	74,000	75,100	-	225,300	100,580	1-1/2"
1-5/8"	61,000	72,000	78,500	82,800	186,000	283,185	91,000	87,200	-	253,400	117,340	1-5/8"
1-3/4"	73,000	84,000	91,600	96,600	220,000	334,950	-	-	-	295,600	136,900	1-3/4"
1-7/8"	-	-	-	-	-	-	-	-	-	344,900	156,460	1-7/8"
2"	85,000	102,000	111,000	117,000	250,000	380,625	131,000	124,000	-	394,200	167,630	2"
2-1/8"	95,000	120,000	131,000	138,000	300,000	456,750	-	-	-	443,500	201,160	2-1/8"
2-1/4"	110,000	139,000	151,000	166,000	353,000	537,443	177,000	166,000	-	506,800	226,300	2-1/4"
2-3/8"	-	-	-	-	-	-	-	-	-	563,100	251,450	2-3/8"
2-1/2"	130,000	163,000	177,000	186,000	400,000	588,000	-	-	-	619,500	279,380	2-1/2"
2-5/8"	145,000	175,000	196,000	207,000	450,000	661,500	230,000	212,000	-	675,800	307,320	2-5/8"
2-3/4"	157,000	204,000	222,000	235,000	500,000	735,000	-	-	-	739,100	335,260	2-3/4"
2-7/8"	-	-	-	-	-	-	-	-	-	802,500	363,200	2-7/8"
3"	180,000	230,000	255,000	269,000	565,000	830,550	285,000	278,000	-	886,900	398,120	3"
3-1/4"	227,000	280,000	309,000	315,000	685,000	1,006,950	322,000	343,000	-	-	-	3-1/4"
3-5/8"	265,000	340,000	375,000	372,000	850,000	-	384,000	407,000	-	-	-	3-5/8"
4"	315,000	410,000	450,000	449,000	1,000,000	-	451,000	470,000	-	-	-	4"
4-1/4"	-	-	-	-	1,150,000	-	523,000	533,000	-	-	-	4-1/4"
4-5/8"	-	-	-	-	1,300,000	-	599,000	616,000	-	-	-	4-5/8"
5"	-	-	-	-	-	-	680,000	698,000	-	-	-	5"

12-STRAND ROPES						SPECIALTY ROPES	
Diameter	Quik-Splice Polytron	Dura-Plex	PTS-12	Tenex	Tech 12	Static Rope	Diameter
3/16"	-	-	-	-	5,600	-	3/16"
1/4"	1,600	1,940	1,750	3,240	8,150	-	1/4"
5/16"	2,500	2,600	3,000	4,720	13,000	-	5/16"
3/8"	3,600	3,880	4,500	6,170	18,000	5,700	3/8"
7/16"	4,600	5,200	5,900	9,000	28,000	7,800	7/16"
1/2"	6,650	6,700	8,750	11,800	33,000	10,000	1/2"
9/16"	-	-	11,250	15,000	-	-	9/16"
5/8"	10,900	11,600	14,000	17,100	50,000	13,500	5/8"
3/4"	-	14,500	16,000	22,400	65,000	-	3/4"
13/16"	-	-	21,000	-	-	-	13/16"
7/8"	-	21,200	-	32,600	84,000	-	7/8"
1"	-	25,000	-	42,700	102,000	-	1"