



# High Performance Synthetic Ropes

Nominal Size (1)	Ice Blue		Plasma 12 Strand		Spectra 12 Strand		Blue Steel 3 Strand		Blue Steel 8 Braid		CWC Steel Pro Hi Strength 3 Strand & 8 Braid	
	Linear Density (2)	Minimal Breaking	Linear Density (2)	Minimal Breaking	Linear Density (2)	Minimal Breaking	Linear Density (2)	Minimal Breaking	Linear Density (2)	Minimal Breaking	Linear Density (2)	Minimal Breaking
Approx. Dia.	Approx. Lbs. Per 100'	Force (3) Lbs.	Approx. Lbs. Per 100'	Force (3) Lbs.	Approx. Lbs. Per 100'	Force (3) Lbs.	Approx. Lbs. Per 100'	Force (3) Lbs.	Approx. Lbs. Per 100'	Force (3) Lbs.	Approx. Lbs. Per 100'	Force (3) Lbs.
7/64"					0.33	1,125						
1/8"					0.53	1,800					1.17	1,673
3/16"					1	3,600	0.7	1,000			2.54	2,795
1/4"					1.6	6,000	1.2	1,670			2.68	3,686
5/16"					2.6	9,000	2.2	3,170			3.35	4,413
3/8"	3.6	4,250			3.7	13,900	2.8	3,920			4.69	5,640
7/16"	5	5,360	4.2	21,000	4.2	14,800	3.7	4,870			6.70	7,629
1/2"	6.40	6,560	6.4	31,300	6.4	22,500	4.7	6,870			8.04	9,119
9/16"	8.20	8,250	7.9	37,900	7.9	27,700	6.7	9,320			10.72	11,541
5/8"	10.40	10,280	10.6	51,400	10.6	36,600	8.5	11,500				
3/4"	14	13,340	13.3	68,500	13.3	43,200	10.9	14,600			16.08	17,153
13/16"											20.09	20,960
7/8"	20	18,390	19.6	92,600	19.6	61,000	16.3	21,100			25.45	26,149
1"	24.3	22,400	23.4	110,000	23.4	72,000	19.2	24,300			30.81	31,623
1-1/8"	32	29,500	31.9	147,000	31.9	91,800	26.2	31,600				
1-1/4"	37	34,000	36.2	165,000	36.2	102,600	29.6	34,600			34.83	35,395
1-5/16"			41.7	196,000	41.7	114,300					42.87	43,589
1-1/2"	56	49,900	51.7	221,000	51.7	141,300	43.3	48,500	43	56,400	54.93	55,981
1-5/8"			65.7	291,000	65.7	167,400					61.35	73,234
1-3/4"	78.3	69,200	78.4	314,000	78.4	198,000	65.1	70,000	65.5	74,700	72.60	86,268
2"	98.4	87,200	91.4	355,000	91.4	225,000	83.4	87,800	80.2	91,400	85.14	101,142
2-1/8"	112.1	99,200	109	428,000	109	270,000					100.16	118,820
2-1/4"	133.7	118,400	122	481,000	122	317,700	112.7	123,900	108.5	120,600	113.93	134,516
2-1/2"	149.6	132,600			148	360,000	128.6	128,700	124.4	137,800	130.28	153,591
2-5/8"	168.5	149,200	167	560,000	167	370,800	145.4	145,000	141.1	155,000	166.52	196,529
2-3/4"					187	405,000					206.58	237,502
2-7/8"	198.4	167,700									246.65	280,313
3"	212	187,800	214	780,000	214	508,500	187.7	185,000	178.1	197,100	291.72	324,479
3-1/4"			261	940,000	261	616,500			220	238,500		
3-1/2"												
3-5/8"			324	1,250,000	324	765,000						
4"			394	1,520,000	394	900,000			314.5	336,600		

