

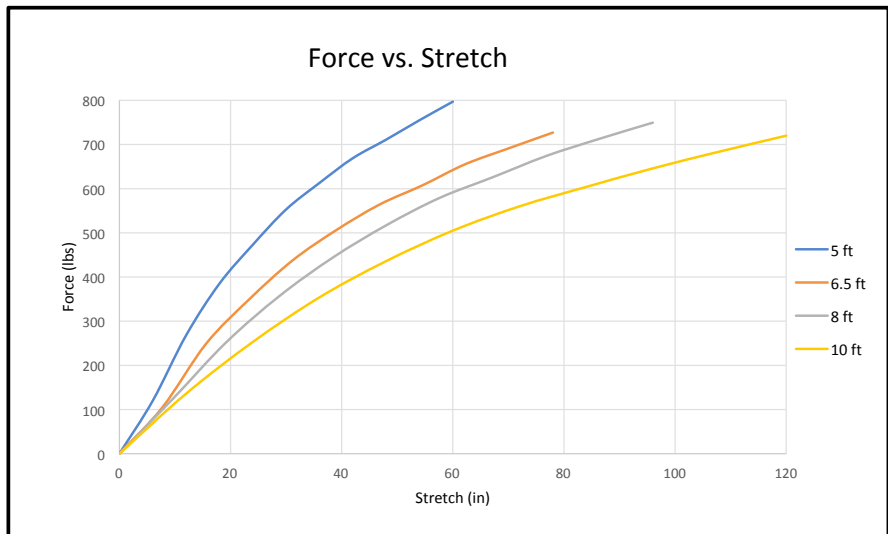
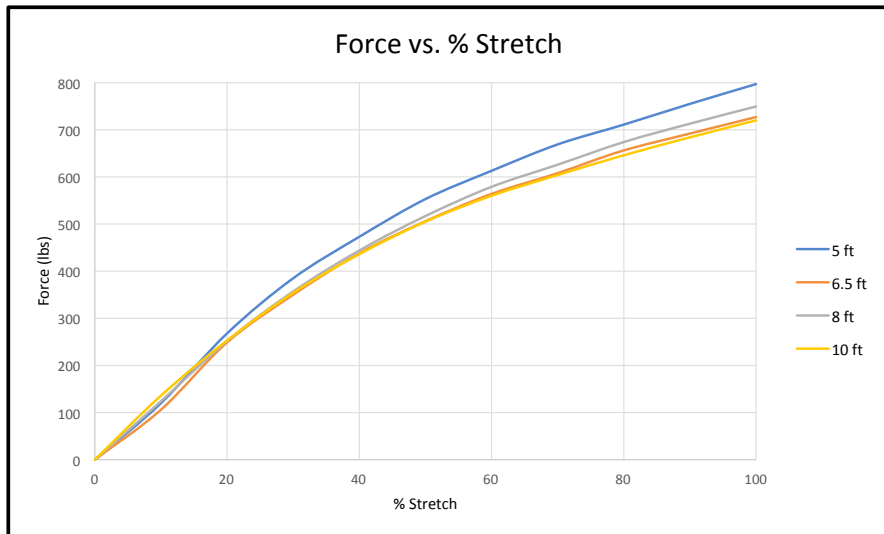
ELASTICS STRETCH PROPERTIES FOR SINGLE POINT MOORINGS

5ft x 1.75in (1.52m x 4.45cm)						
Length (in)	Length (cm)	% Stretch	Force (lbs)	Force (kg)	Stretch (in)	Stretch (cm)
60	152	0	0	0	0	0
66	168	10	120	54	6	15
72	183	20	268	122	12	30
78	198	30	385	175	18	46
84	213	40	473	215	24	61
90	229	50	553	251	30	76
96	244	60	613	278	36	91
102	259	70	669	303	42	107
108	274	80	711	323	48	122
114	290	90	755	342	54	137
120	305	100	797	362	60	152

6.5ft x 1.75 in (1.98m x 4.45cm)						
Length (in)	Length (cm)	% Stretch	Force (lbs)	Force (kg)	Stretch (in)	Stretch (cm)
78	198	0	0	0	0	0
86	218	10	106	48	8	20
94	238	20	249	113	16	40
101	258	30	350	159	23	59
109	277	40	438	199	31	79
117	297	50	506	230	39	99
125	317	60	564	256	47	119
133	337	70	608	276	55	139
140	356	80	655	297	62	158
148	376	90	692	314	70	178
156	396	100	727	330	78	198

8ft x 1.75in (2.43m x 4.45cm)						
Length (in)	Length (cm)	% Stretch	Force (lbs)	Force (kg)	Stretch (in)	Stretch (cm)
96	244	0	0	0	0	0
106	268	10	124	56	9.6	24
115	293	20	252	114	19	49
125	317	30	357	162	29	73
134	341	40	444	201	38	98
144	366	50	517	235	48	122
154	390	60	579	263	58	146
163	415	70	626	284	67	171
173	439	80	674	306	77	195
182	463	90	713	323	86	219
192	488	100	750	340	96	244

10ft x 1.75in (3.04m x 4.45cm)						
Length (in)	Length (cm)	% Stretch	Force (lbs)	Force (kg)	Stretch (in)	Stretch (cm)
120	305	0	0	0	0	0
132	335	10	136	62	12	30
144	366	20	253	115	24	61
156	396	30	354	161	36	91
168	427	40	436	198	48	122
180	457	50	505	229	60	152
192	488	60	560	254	72	183
204	518	70	604	274	84	213
216	549	80	646	293	96	244
228	579	90	684	310	108	274
240	610	100	720	327	120	305



15 Palmer Court, Suite 212A
South Burlington, VT 05403

Phone: +1 (802) 399 - 2627
Fax: +1 (303) 648 - 6448

Web: www.hazelettmarine.com
Email: info@hazelettmarine.com