



## PERFORMANCE PARAMETERS OF ELASTIC RODES FOR SINGLE POINT MOORINGS

Long-term design life of product determined with vigorous testing in 30% stretch range.

Elastic performance not affected with brief elongation in 40-50% range.

Elongation beyond 50% may occur briefly during uncontrolled and severe conditions. Product not engineered to stretch in this range as a normal occurrence. Each elastic conditioned to 200%.

5ft x 1.75in (1.52m x 4.45cm)				
% Stretch	Length (ft)	Length (m)	Avg Load (lb)	Avg Load (kg)
10	5.5	1.67	120	54
20	6.0	1.82	268	122
30	6.5	1.98	385	175
40	7.0	2.13	473	215
50	7.5	2.28	553	251
60	8.0	2.43	613	278
70	8.5	2.59	669	303
80	9.0	2.74	711	323
90	9.5	2.89	755	342
100	10.0	3.04	797	362

6.5ft x 1.75in (1.98m x 4.45cm)				
% Stretch	Length (ft)	Length (m)	Avg Load (lb)	Avg Load (kg)
10	7.2	2.17	106	48
20	7.8	2.37	249	113
30	8.5	2.57	350	159
40	9.1	2.77	438	199
50	9.8	2.97	506	230
60	10.4	3.16	564	256
70	11.1	3.36	608	276
80	11.7	3.56	655	297
90	12.4	3.76	692	314
100	13.0	3.96	727	330

8ft x 1.75in (2.43m x 4.45cm)				
% Stretch	Length (ft)	Length (m)	Avg Load (lb)	Avg Load (kg)
10	8.8	2.68	124	56
20	9.6	2.92	252	114
30	10.4	3.16	357	162
40	11.2	3.41	444	201
50	12.0	3.65	517	235
60	12.8	3.9	579	263
70	13.6	4.14	626	284
80	14.4	4.38	674	306
90	15.2	4.63	713	323
100	16.0	4.87	750	340

10ft x 1.75in (3.04m x 4.45cm)				
% Stretch	Length (ft)	Length (m)	Avg Load (lb)	Avg Load (kg)
10	11.0	3.35	136	62
20	12.0	3.65	253	115
30	13.0	3.96	354	161
40	14.0	4.26	436	198
50	15.0	4.57	505	229
60	16.0	4.87	560	254
70	17.0	5.18	604	274
80	18.0	5.48	646	293
90	19.0	5.79	684	310
100	20.0	6.09	720	326

