

STANDARD CAPACITY MARINE GUARD FOAM FILLED FENDERS

FENDERS		STANDARD CAPACITY			
SIZE		ENERGY ABSORPTION @ 60% COMPRESSION		REACTION FORCE @ 60% COMPRESSION	
ENGLISH	METRIC	ft - kips	ton-m	kips	tons
ft x ft	m x m				
2 x 4	0.6 x 1.2	11	2	20	9
2 x 6	0.6 x 1.8	18	3	33	15
2 x 8	0.6 x 2.4	25	4	47	21
2 x 10	0.6 x 3.0	32	4	60	27
3 x 5	0.9 x 1.5	31	4	45	20
3 x 6	0.9 x 1.8	39	5	48	22
3 x 8	0.9 x 2.4	55	8	68	31
3 x 10	0.9 x 3.0	71	10	88	40
3 x 12	0.9 x 3.7	87	12	108	49
3 x 14	0.9 x 4.3	103	14	128	58
4 x 6	1.2 x 1.8	60	8	56	26
4 x 8	1.2 x 2.4	89	12	83	38
4 x 10	1.2 x 3.0	118	16	111	50
4 x 12	1.2 x 3.7	146	20	136	62
4 x 16	1.2 x 4.9	203	28	189	86
4 x 20	1.2 x 6.1	260	36	242	110
5 x 8	1.5 x 2.4	135	18	100	45
5 x 10	1.5 x 3.0	180	25	134	61
5 x 12	1.5 x 3.7	225	31	167	75
5 x 14	1.5 x 4.3	269	37	200	91
5 x 16	1.5 x 4.9	313	43	233	106
5 x 18	1.5 x 5.5	357	49	266	121
6 x 12	1.8 x 3.7	300	41	186	84
6 x 14	1.8 x 4.3	364	50	225	102
6 x 16	1.8 x 4.9	427	59	265	120
6 x 18	1.8 x 5.5	491	68	305	138
6 x 20	1.8 x 6.1	554	77	344	156
7 x 14	2.1 x 4.3	487	67	259	117
7 x 16	2.1 x 4.9	574	79	305	138
7 x 18	2.1 x 5.5	660	91	351	159
7 x 20	2.1 x 6.1	747	103	397	180
7 x 22	2.1 x 6.7	833	115	443	201
8 x 14	2.4 x 4.3	619	85	288	130
8 x 16	2.4 x 4.9	733	101	341	155
8 x 18	2.4 x 5.5	847	117	394	179
8 x 20	2.4 x 6.1	961	133	447	203
8 x 22	2.4 x 6.7	1,075	149	500	227
9 x 16	2.7 x 4.9	890	123	368	167
9 x 18	2.7 x 5.5	1,032	143	427	194
9 x 20	2.7 x 6.1	1,175	163	486	220
9 x 22	2.7 x 6.7	1,318	182	545	247
10 x 16	3.0 x 4.9	1,081	150	402	182
10 x 18	3.0 x 5.5	1,258	174	468	212
10 x 20	3.0 x 6.1	1,435	198	534	242
10 x 22	3.0 x 6.7	1,612	223	600	272
10 x 24	3.0 x 7.3	1,811	250	674	306

