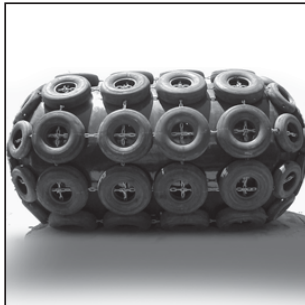




FENDERS

OCEAN CUSHION™ STANDARD CAPACITY

FOAM FILLED FENDER
WITH CHAIN & AIRCRAFT TIRE NETS



ENGLISH SIZES											
FENDERS		STAND OFF		STANDARD CAPACITY				HIGH CAPACITY			
SIZE		DIAMETER UNCOMPRESSED		ENERGY ABSORPTION		REACTION FORCE		ENERGY ABSORPTION		REACTION FORCE	
ENGLISH	METRIC										
FT X FT	M X M	FT	M	FT-KIPS	TON-M	KIPS	TONS	FT-KIPS	TON-M	KIPS	TONS
3 x 6	0.92 x 1.83	4.1	1.2	36	5	55	25	52	7	79	36
4 x 6	1.22 x 1.83	5.3	1.6	65	9	72	33	94	13	103	47
4 x 8	1.22 x 2.44	5.3	1.6	85	12	98	44	123	17	138	63
5 x 10	1.53 x 3.05	6.5	2.0	165	23	152	69	239	33	214	97
5 x 16	1.53 x 4.88	6.5	2.0	259	36	240	109	375	52	338	153
6 x 12	1.83 x 3.66	7.5	2.3	295	41	217	98	428	59	306	139
7 x 14	2.13 x 4.27	8.5	2.6	450	62	260	118	652	90	366	166
8 x 12	2.44 x 3.66	9.8	3.0	465	64	268	122	674	93	377	171
8 x 16	2.44 x 4.88	9.8	3.0	662	95	380	172	959	133	535	243
9 x 14	2.75 x 4.27	10.8	3.3	730	101	373	169	1058	146	525	238
9 x 18	2.75 x 5.49	10.8	3.3	937	130	480	218	1358	188	676	307
10 x 16	3.05 x 4.88	11.8	3.6	976	135	450	204	1414	196	634	287
10 x 20	3.05 x 6.10	11.8	3.6	1286	179	590	268	1864	258	831	377
11 x 18	3.35 x 5.49	12.8	3.9	1386	192	581	264	2009	278	818	371
11 x 22	3.35 x 6.71	12.8	3.9	1697	235	711	323	2459	340	1001	454
12 x 24	3.70 x 7.30	13.8	4.2	2196	304	844	383	3183	440	1189	539
13 x 26	3.96 x 7.90	14.8	4.5	2785	385	987	448	4036	558	1390	631
14 x 28	4.27 x 8.53	15.8	4.8	3421	473	1128	512	4958	686	1589	721

PERFORMANCE AT 60% COMPRESSION

ENGLISH SIZES											
FENDERS		STAND OFF		STANDARD CAPACITY				HIGH CAPACITY			
SIZE		DIAMETER UNCOMPRESSED		ENERGY ABSORPTION		REACTION FORCE		ENERGY ABSORPTION		REACTION FORCE	
METRIC	ENGLISH										
M X M	FT X FT	FT	M	FT-KIPS	TON-M	KIPS	TONS	FT-KIPS	TON-M	KIPS	TONS
1.00 x 1.50	3.3 x 4.9	4.4	1.3	35	5	50	23	50	7	71	32
1.00 x 2.00	3.3 x 6.6	4.4	1.3	49	7	67	30	71	10	96	43
1.20 x 2.00	3.9 x 6.6	5.3	1.6	64	9	76	34	93	13	107	49
1.20 x 2.50	3.9 x 8.2	5.3	1.6	80	11	94	43	116	16	132	60
1.35 x 2.50	4.4 x 8.2	5.9	1.8	103	14	108	49	150	21	152	69
1.35 x 4.00	4.4 x 13.1	5.9	1.8	165	23	172	78	239	33	242	110
1.50 x 3.00	4.9 x 9.8	6.4	2.0	156	22	146	66	226	31	206	93
1.70 x 3.00	5.6 x 9.8	7.1	2.2	196	27	162	73	284	39	227	103
1.70 x 4.50	5.6 x 14.8	7.1	2.2	297	41	244	111	430	60	344	156
2.00 x 3.50	6.6 x 11.5	8.1	2.5	318	44	222	101	461	64	313	142
2.00 x 4.00	6.6 x 13.1	8.1	2.5	371	51	259	117	538	74	365	165
2.20 x 4.50	7.2 x 14.8	8.7	2.7	500	69	321	146	725	100	452	205
2.20 x 5.50	7.2 x 18.0	8.7	2.7	609	84	390	177	883	122	549	249
2.50 x 4.00	8.2 x 13.1	10.0	3.0	542	75	305	138	786	109	430	195
2.50 x 5.50	8.2 x 18.0	10.0	3.0	793	110	447	203	1149	159	629	285
3.00 x 6.00	9.8 x 19.7	11.6	3.5	1213	168	571	259	1758	243	804	365
3.30 x 4.50	10.8 x 14.8	12.6	3.8	1010	140	430	195	1464	202	606	275
3.30 x 6.50	10.8 x 21.3	12.6	3.8	1581	219	675	306	2291	317	9511	431
3.30 x 10.6	10.8 x 34.8	12.6	3.8	2774	384	1185	538	4020	556	1669	757
4.20 x 8.40	13.8 x 27.6	15.6	4.8	3325	460	1110	503	4819	666	1563	709

PERFORMANCE AT 60% COMPRESSION

* Actual values for above sizes may vary +/- 15% due to variations in materials, speed of compression, temperatures and tolerances. Performance based on 60% compression.

Ocean Cushion foam filled fenders are also available in other sizes and capacity models, Low Reaction, High, Extra High, and Super High Capacity.



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