

OCEAN GUARD™ NETLESS FOAM FILLED FENDERS

FENDERS		STANDARD CAPACITY				HIGH CAPACITY				EXTRA HIGH CAPACITY				SUPER HIGH CAPACITY				FENDER	
SIZE		ENERGY ABSORPTION		REACTION FORCE		ENERGY ABSORPTION		REACTION FORCE		ENERGY ABSORPTION		REACTION FORCE		ENERGY ABSORPTION		REACTION FORCE		SAFE WORKING END PULL LOAD	
ENGLISH	METRIC	ft - kips	ton-m	kips	tons	ft - kips	ton-m	kips	tons	ft - kips	ton-m	kips	tons	ft - kips	ton-m	kips	tons	kips	kN
2x4	0.6x1.2	11	2	20	9	14	2	26	12	21	3	38	17	29	4	52	24	9.5	42
2x6	0.6x1.8	18	3	33	15	23	3	43	20	34	5	63	29	47	7	86	39	9.5	42
2x8	0.6x2.4	25	4	47	21	33	5	61	28	48	7	89	40	65	9	122	55	9.5	42
2x10	0.6x3.0	32	4	60	27	42	6	78	35	61	8	114	52	83	11	156	71	9.5	42
3x5	0.9x1.5	31	4	45	20	40	6	59	27	59	8	86	39	81	11	117	53	9.5	42
3x6	0.9x1.8	39	5	48	22	51	7	62	28	74	10	91	41	101	14	125	57	9.5	42
3x8	0.9x2.4	55	8	68	31	72	10	88	40	105	15	129	59	143	20	177	80	17	76
3x10	0.9x3.0	71	10	88	40	92	13	114	52	135	19	167	76	185	26	229	104	17	76
3x12	0.9x3.7	87	12	108	49	113	16	140	64	165	23	205	93	226	31	281	127	17	76
3x14	0.9x4.3	103	14	128	58	134	19	166	75	196	27	243	110	268	37	333	151	17	76
4x6	1.2x1.8	60	8	56	26	78	11	73	33	114	16	106	48	156	22	146	66	17	76
4x8	1.2x2.4	89	12	83	38	116	16	108	49	169	23	158	72	231	32	216	98	17	76
4x10	1.2x3.0	118	16	111	50	153	21	144	65	224	31	211	96	307	42	289	131	17	76
4x12	1.2x3.7	146	20	136	62	190	26	177	80	277	38	258	117	380	53	354	161	34	151
4x16	1.2x4.9	203	28	189	86	264	37	246	112	386	53	359	163	528	73	491	223	34	151
4x20	1.2x6.1	260	36	242	110	338	47	315	143	494	68	460	209	676	93	629	285	34	151
5x8	1.5x2.4	135	18	100	45	176	24	130	59	257	36	190	86	351	49	260	118	17	76
5x10	1.5x3.0	180	25	134	61	234	32	174	79	342	47	255	116	468	65	348	158	34	151
5x12	1.5x3.7	225	31	167	75	293	41	217	98	428	59	317	144	585	81	434	197	34	151
5x14	1.5x4.3	269	37	200	91	350	48	260	118	511	71	380	172	699	97	520	236	34	151
5x16	1.5x4.9	313	43	233	106	407	56	303	137	595	82	443	201	814	113	606	275	34	151
5x18	1.5x5.5	357	49	266	121	464	64	346	157	678	94	505	229	928	128	692	314	70	311
6x12	1.8x3.7	300	41	186	84	390	54	242	110	570	79	353	160	780	108	484	220	34	151
6x14	1.8x4.3	364	50	225	102	473	65	293	133	692	96	428	194	946	131	585	265	34	151
6x16	1.8x4.9	427	59	265	120	555	77	345	156	811	112	504	229	1,110	154	689	313	70	311
6x18	1.8x5.5	491	68	305	138	638	88	397	180	933	129	580	263	1,277	177	793	360	70	311
6x20	1.8x6.1	554	77	344	156	720	100	447	203	1,053	146	654	297	1,440	199	894	406	70	311
7x14	2.1x4.3	487	67	259	117	633	88	337	153	925	128	492	223	1,266	175	673	305	70	311
7x16	2.1x4.9	574	79	305	138	746	103	397	180	1,091	151	580	263	1,492	206	793	360	70	311
7x18	2.1x5.5	660	91	351	159	858	119	456	207	1,254	173	667	303	1,716	237	913	414	70	311
7x20	2.1x6.1	747	103	397	180	971	134	516	234	1,419	196	754	342	1,942	269	1,032	468	70	311
7x22	2.1x6.7	833	115	443	201	1,083	150	576	261	1,583	219	842	382	2,166	300	1,152	523	70	311
8x12	2.4x3.7	531	73	246	111	690	95	320	145	1,008	139	468	212	1,379	191	642	291	70	311
8x14	2.4x4.3	619	85	288	130	805	111	374	170	1,176	163	547	248	1,609	223	749	340	70	311
8x16	2.4x4.9	733	101	341	155	953	132	443	201	1,393	193	648	294	1,905	264	887	402	70	311
8x18	2.4x5.5	847	117	394	179	1,101	152	512	232	1,609	223	749	340	2,202	305	1,024	464	70	311
8x20	2.4x6.1	961	133	447	203	1,249	173	581	264	1,826	253	849	385	2,499	346	1,162	527	70	311
8x22	2.4x6.7	1,075	149	500	227	1,398	193	650	295	2,043	283	950	431	2,795	387	1,300	590	110	489
9x14	2.7x4.3	779	108	322	146	1,012	140	418	190	1,480	205	611	277	2,025	280	837	380	70	311
9x16	2.7x4.9	890	123	368	167	1,157	160	478	217	1,691	234	699	317	2,314	320	957	434	70	311
9x18	2.7x5.5	1,032	143	427	194	1,342	186	555	252	1,961	271	811	368	2,683	371	1,110	503	70	311
9x20	2.7x6.1	1,175	163	486	220	1,528	211	632	287	2,233	309	923	419	3,055	423	1,264	573	110	489
9x22	2.7x6.7	1,318	182	545	247	1,713	237	709	322	2,504	346	1,036	470	3,427	474	1,417	643	110	489
10x16	3.0x4.9	1,081	150	402	182	1,405	194	523	237	2,054	284	764	347	2,811	389	1,045	474	70	311
10x18	3.0x5.5	1,258	174	468	212	1,635	226	608	276	2,390	331	889	403	3,271	452	1,217	552	70	311
10x20	3.0x6.1	1,435	198	534	242	1,866	258	694	315	2,727	377	1,015	460	3,731	516	1,388	630	110	489
10x22	3.0x6.7	1,612	223	600	272	2,096	290	780	354	3,063	424	1,140	517	4,191	580	1,560	708	110	489
10x24	3.0x7.3	1,811	250	674	306	2,286	316	850	386	3,341	462	1,244	564	4,572	632	1,702	772	110	489
11x18	3.4x5.5	1,482	219	501	265	1,927	267	651	295	2,816	389	952	432	3,853	533	1,303	591	110	489
11x20	3.4x6.1	1,696	241	573	279	2,141	296	745	338	3,223	446	1,090	494	4,410	610	1,491	676	110	489
11x22	3.4x6.7	1,910	264	646	293	2,463	343	840	381	3,629	502	1,227	557	4,966	667	1,680	762	110	489
11x24	3.4x7.3	2,083	288	704	319	2,709	375	916	415	3,959	548	1,338	607	5,418	749	1,832	831	110	489
12x20	3.7x6.1	2,163	299	708	321	2,812	389	920	417	4,109	568	1,346	611	5,623	778	1,841	835	110	489
12x24	3.7x7.3	2,595	358	850	385	3,374	467	1,105	501	4,931	682	1,615	733	6,747	933	2,210	1,002	110	489
13x26	4.0x7.9	3,240	448	985	447	4,212	583	1,281	581	6,156	851	1,872	849	8,424	1,165	2,561	1,162	110	489
14x28	4.3x8.5	4,000	553	1,130	513	5,200	719	1,469	665	7,600	1,051	2,147	974	10,400	1,438	2,938	1,333	110	489

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