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Ocean Cushion™ Foam Filled Fenders with Chain & Aircraft Tire Nets

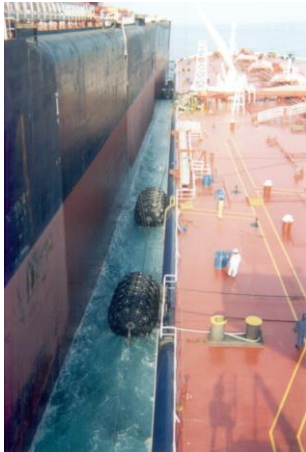
LOW REACTION

• Tested in accordance with PIANC guidelines.

• Constructed to US Navy specifications.



• Thick, tough filament nylon reinforced non-marking urethane skin



• Heat laminated closed cell energy absorbing foam core.



• Ultra heavy duty Chain & Aircraft Tire SUPER nets

Fender Size		Standoff		Energy Absorption		Reaction Force		Weight	
English	Metric	Uncompressed Diameter		(60% Compression)		(When EA is Achieved)		With Chain and Tires*	
Ø [ft] x L [ft]	Ø [m] x L [m]	ft	m	ft-kips	kN-m	kips	kN	lbs.	kg
3 x 6	0.9 x 1.8	4.0	1.2	22	29	33	147	713	324
4 x 6	1.2 x 1.8	5.3	1.6	39	53	43	192	847	385
4 x 8	1.2 x 2.4	5.3	1.6	51	69	59	262	1,223	556
5 x 10	1.5 x 3	6.3	1.9	99	134	91	406	1,985	902
5 x 16	1.5 x 4.9	6.3	1.9	155	211	144	641	3,615	1,643
6 x 12	1.8 x 3.7	7.3	2.2	177	240	130	579	3,329	1,513
7 x 14	2.1 x 4.3	8.3	2.5	270	366	156	694	5,651	2,569
8 x 12	2.4 x 3.7	10.0	3.0	279	378	161	715	3,126	1,421
8 x 16	2.4 x 4.9	10.0	3.0	397	539	228	1,014	4,104	1,865
9 x 14	2.7 x 4.3	11.0	3.4	438	594	224	996	4,321	1,964
9 x 18	2.7 x 5.5	11.0	3.4	562	762	288	1,281	6,713	3,051
10 x 16	3 x 4.9	12.0	3.7	586	794	270	1,201	6,426	2,921
10 x 20	3 x 6.1	12.0	3.7	772	1,046	354	1,575	7,936	3,607
11 x 18	3.4 x 5.5	13.0	4.0	832	1,128	349	1,551	8,351	3,796
11 x 22	3.4 x 6.7	13.0	4.0	1,018	1,381	427	1,898	10,482	4,765
12 x 24	3.7 x 7.3	14.0	4.3	1,318	1,787	487	2,164	13,526	6,148
13 x 26	4 x 7.9	15.0	4.6	1,671	2,266	592	2,634	20,268	9,213
14 x 28	4.3 x 8.5	16.0	4.9	2,053	2,783	677	3,011	24,146	10,975

Fender Size		Standoff		Energy Absorption		Reaction Force		Weight	
Metric	English	Uncompressed Diameter		(60% Compression)		(When EA is Achieved)		With Chain and Tires*	
Ø [m] x L [m]	Ø [ft] x L [ft]	ft	m	ft-kips	kN-m	kips	kN	lbs.	kg
1.0 x 1.5	3.28 x 4.92	4.2	1.3	21	28	30	133	674	306
1.0 x 2.0	3.28 x 6.56	4.2	1.3	29	40	40	179	866	394
1.2 x 2.0	3.94 x 6.56	4.9	1.5	38	52	46	203	1,044	475
1.2 x 2.5	3.94 x 8.2	4.9	1.5	48	65	56	251	1,421	646
1.35 x 2.5	4.43 x 8.2	5.7	1.7	62	84	65	288	1,425	648
1.35 x 4.0	4.43 x 13.12	5.7	1.7	99	134	103	459	1,453	660
1.5 x 3.0	4.92 x 9.84	6.2	1.9	94	127	88	390	1,945	884
1.7 x 3.0	5.58 x 9.84	6.8	2.1	118	159	97	432	2,134	970
1.7 x 4.5	5.58 x 14.76	6.8	2.1	178	242	146	651	3,682	1,674
2.0 x 3.5	6.56 x 11.48	7.8	2.4	191	259	133	593	3,409	1,550
2.0 x 4.0	6.56 x 13.12	7.8	2.4	223	302	155	691	4,049	1,840
2.2 x 4.5	7.22 x 14.76	8.5	2.6	300	407	193	857	5,016	2,280
2.2 x 5.5	7.22 x 18.04	8.5	2.6	365	495	234	1,041	6,077	2,762
2.5 x 4.0	8.2 x 13.12	10.2	3.1	325	441	183	814	3,620	1,645
2.5 x 5.5	8.2 x 18.04	10.2	3.1	476	645	268	1,193	5,904	2,684
3.0 x 6.0	9.84 x 19.69	11.8	3.6	728	987	343	1,524	7,730	3,514
3.3 x 4.5	10.83 x 14.76	12.8	3.9	606	822	258	1,148	6,779	3,081
3.3 x 6.5	10.83 x 21.33	12.8	3.9	949	1,286	405	1,802	10,096	4,589
3.3 x 10.6	10.83 x 34.78	12.8	3.9	1,664	2,257	711	3,163	21,540	9,791
4.2 x 8.4	13.78 x 27.56	15.8	4.8	1,995	2,705	666	2,963	22,846	10,385

* Weight may vary due to available tire sizes.

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