



Marine Fenders International, Inc.

909 Mahar Avenue • Wilmington • California • 90744
 Telephone 1-310-834-7037 • Fax 1-310-834-7825
 E-mail: sales@marinefendersintl.com • www.marinefendersintl.com

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

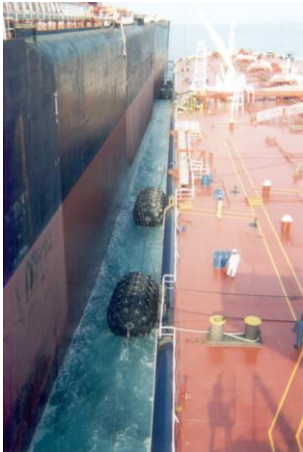
STANDARD CAPACITY

• 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 (When EA is Achieved)		Weight	
English	Metric	Uncompressed Diameter		(60% Compression)				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	36	49	55	245	780	355
4 x 6	1.2 x 1.8	5.3	1.6	65	88	72	320	960	436
4 x 8	1.2 x 2.4	5.3	1.6	85	115	98	436	1,383	629
5 x 10	1.5 x 3	6.3	1.9	165	224	152	676	2,300	1,045
5 x 16	1.5 x 4.9	6.3	1.9	259	351	240	1,068	4,158	1,890
6 x 12	1.8 x 3.7	7.3	2.2	295	400	217	965	3,876	1,762
7 x 14	2.1 x 4.3	8.3	2.5	450	610	260	1,157	6,519	2,963
8 x 12	2.4 x 3.7	10.0	3.0	465	631	268	1,192	4,035	1,834
8 x 16	2.4 x 4.9	10.0	3.0	662	898	380	1,690	5,405	2,457
9 x 14	2.7 x 4.3	11.0	3.4	730	990	373	1,659	5,681	2,582
9 x 18	2.7 x 5.5	11.0	3.4	937	1,271	480	2,135	8,562	3,892
10 x 16	3 x 4.9	12.0	3.7	976	1,323	450	2,002	8,358	3,799
10 x 20	3 x 6.1	12.0	3.7	1,286	1,744	590	2,624	10,481	4,764
11 x 18	3.4 x 5.5	13.0	4.0	1,386	1,879	581	2,584	11,003	5,001
11 x 22	3.4 x 6.7	13.0	4.0	1,697	2,301	711	3,163	13,866	6,303
12 x 24	3.7 x 7.3	14.0	4.3	2,196	2,978	811	3,607	17,900	8,136
13 x 26	4 x 7.9	15.0	4.6	2,785	3,776	987	4,390	25,844	11,747
14 x 28	4.3 x 8.5	16.0	4.9	3,421	4,639	1,128	5,018	31,106	14,139

Fender Size		Standoff		Energy Absorption		Reaction Force (When EA is Achieved)		Weight	
Metric	English	Uncompressed Diameter		(60% Compression)				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	35	47	50	222	736	335
1.0 x 2.0	3.28 x 6.56	4.2	1.3	49	66	67	298	1,964	893
1.2 x 2.0	3.94 x 6.56	4.9	1.5	64	87	76	338	1,167	530
1.2 x 2.5	3.94 x 8.2	4.9	1.5	80	108	94	418	1,581	719
1.35 x 2.5	4.43 x 8.2	5.7	1.7	103	140	108	480	1,622	737
1.35 x 4.0	4.43 x 13.12	5.7	1.7	165	224	172	765	1,794	815
1.5 x 3.0	4.92 x 9.84	6.2	1.9	156	212	146	649	2,244	1,020
1.7 x 3.0	5.58 x 9.84	6.8	2.1	196	266	162	721	2,510	1,141
1.7 x 4.5	5.58 x 14.76	6.8	2.1	297	403	244	1,085	4,287	1,949
2.0 x 3.5	6.56 x 11.48	7.8	2.4	318	431	222	988	4,018	1,826
2.0 x 4.0	6.56 x 13.12	7.8	2.4	371	503	259	1,152	4,761	2,164
2.2 x 4.5	7.22 x 14.76	8.5	2.6	500	678	321	1,428	5,995	2,725
2.2 x 5.5	7.22 x 18.04	8.5	2.6	609	826	390	1,735	7,310	3,323
2.5 x 4.0	8.2 x 13.12	10.2	3.1	542	735	305	1,357	4,684	2,129
2.5 x 5.5	8.2 x 18.04	10.2	3.1	793	1,075	447	1,988	7,467	3,394
3.0 x 6.0	9.84 x 19.69	11.8	3.6	1,213	1,645	571	2,540	10,155	4,616
3.3 x 4.5	10.83 x 14.76	12.8	3.9	1,010	1,370	430	1,913	8,775	3,989
3.3 x 6.5	10.83 x 21.33	12.8	3.9	1,581	2,144	675	3,003	13,265	6,030
3.3 x 10.6	10.83 x 34.78	12.8	3.9	2,774	3,762	1,185	5,271	27,068	12,304
4.2 x 8.4	13.78 x 27.56	15.8	4.8	3,325	4,509	1,110	4,938	29,480	13,400

* 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.