

OCEAN GUARD MONOPILE DONUT FLOATING FENDER

ULTRA HIGH CAPACITY

FENDER		PILE		FLAT		ENERGY		REACTION	
DIAMETER		DIAMETER		LENGTH		ABSORPTION		FORCE	
FEET	METERS	FEET	METERS	FEET	METERS	FT-KIPS	TON-M	KIPS	TON
4.5	1.4	2	0.6	2	0.6	20	2.8	90	40.8
4.5	1.4	2	0.6	3	0.9	30	4.1	135	61.2
4.5	1.4	2	0.6	4	1.2	40	5.5	180	81.6
4.5	1.4	2	0.6	5	1.5	51	7.1	225	102.1
4.5	1.4	2	0.6	6	1.8	61	8.4	270	122.5
4.5	1.4	2	0.6	7	2.1	71	9.8	315	142.9
4.5	1.4	2	0.6	8	2.4	81	11.2	360	163.3
5	1.5	2.5	0.8	2	0.6	24	3.3	105	47.6
5	1.5	2.5	0.8	3	0.9	35	4.8	157	71.2
5	1.5	2.5	0.8	4	1.2	47	6.5	210	95.3
5	1.5	2.5	0.8	5	1.5	59	8.2	262	118.8
5	1.5	2.5	0.8	6	1.8	71	9.8	315	142.9
5	1.5	2.5	0.8	7	2.1	83	11.5	367	166.5
5	1.5	2.5	0.8	8	2.4	94	13.0	419	190.1
6	1.8	3	0.9	2	0.6	36	5.0	120	54.4
6	1.8	3	0.9	3	0.9	54	7.5	180	81.6
6	1.8	3	0.9	4	1.2	72	10.0	240	108.9
6	1.8	3	0.9	5	1.5	90	12.4	300	136.1
6	1.8	3	0.9	6	1.8	108	14.9	360	163.3
6	1.8	3	0.9	7	2.1	126	17.4	419	190.1
6	1.8	3	0.9	8	2.4	144	19.9	479	217.3
7	2.1	3.5	1.1	3	0.9	76	10.5	202	91.6
7	2.1	3.5	1.1	4	1.2	101	14.0	270	122.5
7	2.1	3.5	1.1	5	1.5	126	17.4	337	152.9
7	2.1	3.5	1.1	6	1.8	152	21.0	404	183.3
7	2.1	3.5	1.1	7	2.1	177	24.5	472	214.1
7	2.1	3.5	1.1	8	2.4	202	27.9	539	244.5
7.5	2.3	4	1.2	3	0.9	84	11.6	225	102.1
7.5	2.3	4	1.2	4	1.2	112	15.5	300	136.1
7.5	2.3	4	1.2	5	1.5	140	19.4	375	170.1
7.5	2.3	4	1.2	6	1.8	169	23.4	449	203.7
7.5	2.3	4	1.2	7	2.1	197	27.2	524	237.7
7.5	2.3	4	1.2	8	2.4	225	31.1	599	271.7
8.25	2.5	4.5	1.4	3	0.9	102	14.1	247	112.0
8.25	2.5	4.5	1.4	4	1.2	136	18.8	330	149.7
8.25	2.5	4.5	1.4	5	1.5	170	23.5	412	186.9
8.25	2.5	4.5	1.4	6	1.8	204	28.2	494	224.1
8.25	2.5	4.5	1.4	7	2.1	238	32.9	577	261.7
8.25	2.5	4.5	1.4	8	2.4	272	37.6	659	298.9
9	2.7	5	1.5	3	0.9	121	16.7	270	122.5
9	2.7	5	1.5	4	1.2	162	22.4	360	163.3
9	2.7	5	1.5	5	1.5	202	27.9	449	203.7
9	2.7	5	1.5	6	1.8	243	33.6	539	244.5
9	2.7	5	1.5	7	2.1	283	39.1	629	285.3
9	2.7	5	1.5	8	2.4	324	44.8	719	326.1

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

The fender performance is engineered at 60% foam compression. The monopile deflection provides additional energy absorption for the same reaction force rating.