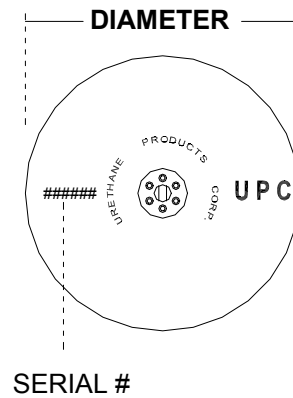
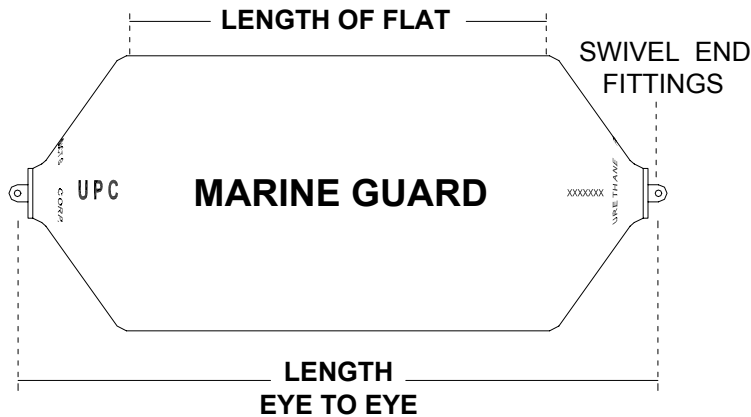




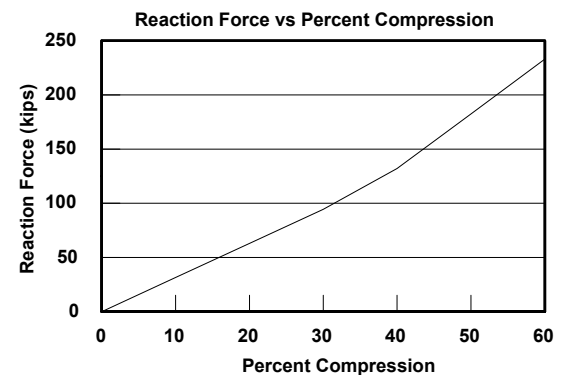
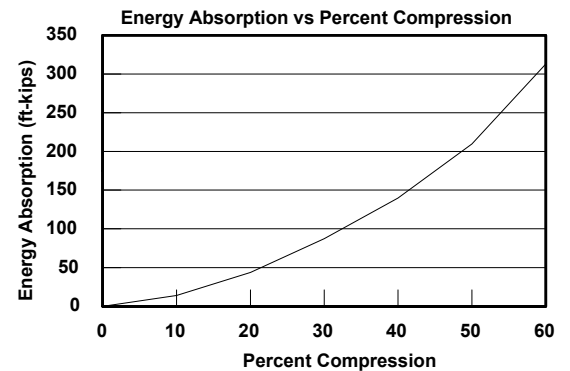
MARINE GUARD™ Foam Filled Fenders

5.0 ft (1.5 m) Diameter x 16.0 ft (4.9 m) Long

Standard Capacity



5.0 Ft. DIAMETER x 16.0 Ft. LONG	English	Metric
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	313	43
Reaction force, kip (ton)	233	106
DIMENSIONS AND WEIGHT		
Diameter, ft (m)	5.0	1.5
Length eye-to-eye, ft (m)	16.0	4.9
Length of flat, ft (m)	12.2	3.7
Skin thickness, in (mm)	1.25	32
Weight, lb. (kg)	3,000	1,360
Cube, ft ³ (m ³)	425	12
TECHNICAL DATA		
Standoff distance:		
Maximum, ft (m)	5.0	1.5
At 60% compression, ft (m)	2.0	0.6
Safe working end-pull load, kip (kN)	34	151
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	6.3	1.9
Maximum length, ft (m)	13.8	4.2
Area, ft ² (m ²)	64.7	6.0
RECOMMENDED SIZES OF MOUNTING HARDWARE		
Chain, in (mm)	1.50	38
Shackles, in (mm)	1.50	38
Swivels, in (mm)	1.50	38



*Above information is for our Standard Capacity *Marine Guard*™ foam filled marine fenders. Actual values for all sizes may vary plus or minus 15% from stated values due to variations in material properties, dimensional tolerances, temperature and speed of compression.