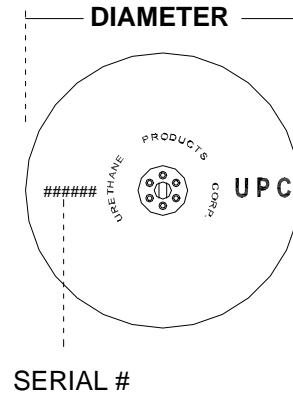
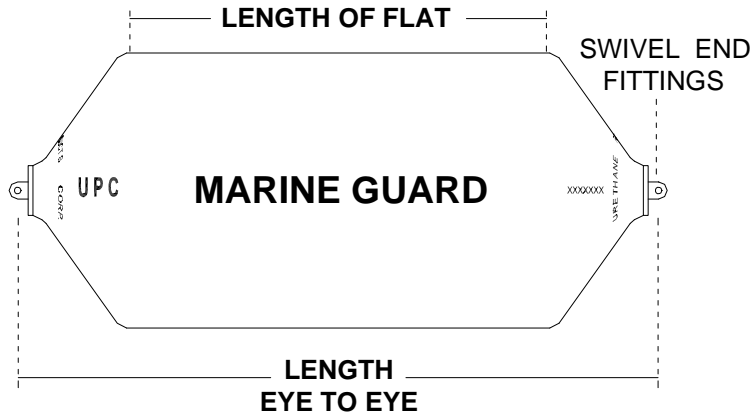




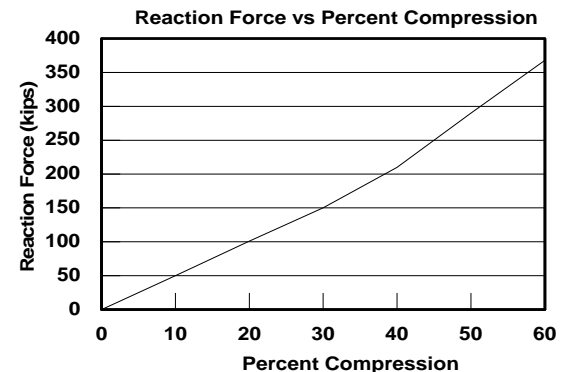
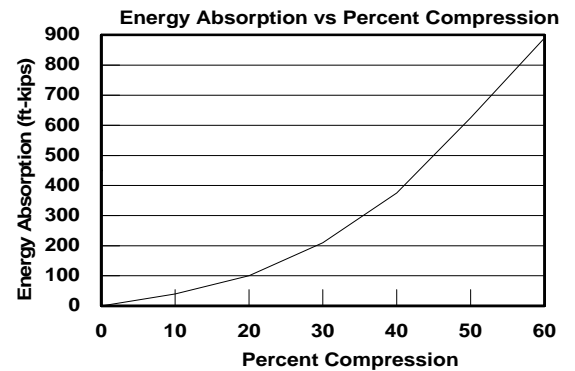
# MARINE GUARD™ Foam Filled Fenders

## 9.0 ft (2.7 m) Diameter x 16.0 ft (4.9 m) Long

### Standard Capacity



9.0 Ft. DIAMETER x 16.0 Ft. LONG	English	Metric
<b>PERFORMANCE* (AT 60% COMPRESSION)</b>		
Energy absorption, ft-kip (ton-m)	890	123
Reaction force, kip (ton)	368	167
<b>DIMENSIONS AND WEIGHT</b>		
Diameter, ft (m)	9.0	2.7
Length eye-to-eye, ft (m)	16.0	4.9
Length of flat, ft (m)	9.5	2.9
Skin thickness, in (mm)	1.25	32
Weight, lb. (kg)	6,150	2,790
Cube, ft <sup>3</sup> (m <sup>3</sup> )	1,350	38
<b>TECHNICAL DATA</b>		
Standoff distance:		
Maximum, ft (m)	9.0	2.7
At 60% compression, ft (m)	3.6	1.1
Safe working end-pull load, kip (kN)	70	311
<b>FOOTPRINT (AT 60% COMPRESSION)</b>		
Maximum width, ft (m)	11.3	3.4
Maximum length, ft (m)	11.7	3.6
Area, ft <sup>2</sup> (m <sup>2</sup> )	102.2	9.5
<b>RECOMMENDED SIZES OF MOUNTING HARDWARE</b>		
Chain, in (mm)	2.00	51
Shackles, in (mm)	2.00	51
Swivels, in (mm)	2.00	51



\*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.