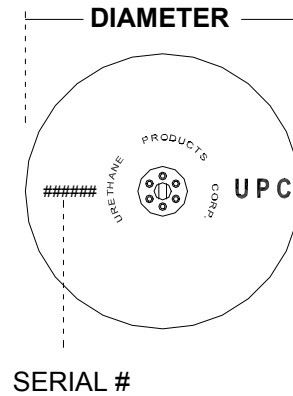
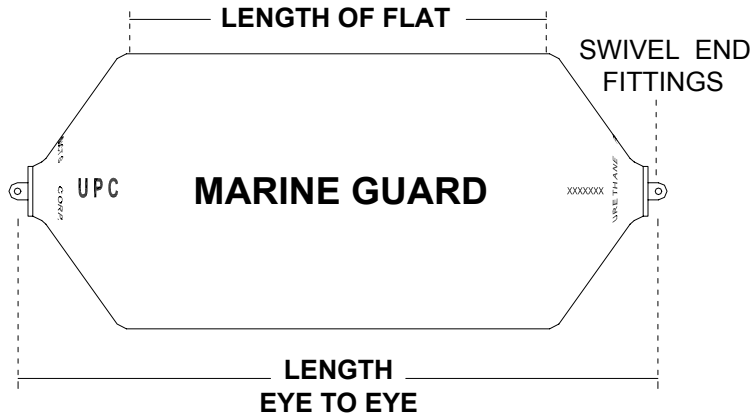




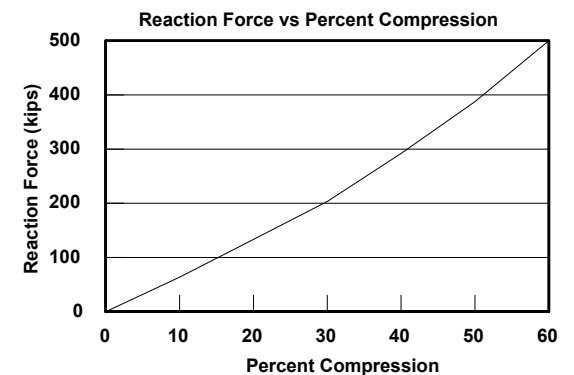
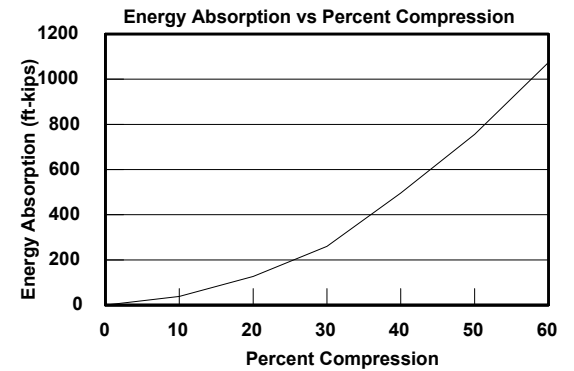
# MARINE GUARD™ Foam Filled Fenders

## 8.0 ft (2.4 m) Diameter x 22.0 ft (6.7 m) Long

### Standard Capacity



8.0 Ft. DIAMETER x 22.0 Ft. LONG	English	Metric
<b>PERFORMANCE* (AT 60% COMPRESSION)</b>		
Energy absorption, ft-kip (ton-m)	1075	149
Reaction force, kip (ton)	500	227
<b>DIMENSIONS AND WEIGHT</b>		
Diameter, ft (m)	8.0	2.4
Length eye-to-eye, ft (m)	22.0	6.7
Length of flat, ft (m)	16.2	4.9
Skin thickness, in (mm)	1.75	44
Weight, lb. (kg)	9,150	4,150
Cube, ft <sup>3</sup> (m <sup>3</sup> )	1,500	43
<b>TECHNICAL DATA</b>		
Standoff distance:		
Maximum, ft (m)	8.0	2.4
At 60% compression, ft (m)	3.2	1.0
Safe working end-pull load, kip (kN)	110	489
<b>FOOTPRINT (AT 60% COMPRESSION)</b>		
Maximum width, ft (m)	10.0	3.0
Maximum length, ft (m)	18.3	5.6
Area, ft <sup>2</sup> (m <sup>2</sup> )	138.9	12.9
<b>RECOMMENDED SIZES OF MOUNTING HARDWARE</b>		
Chain, in (mm)	2.50	64
Shackles, in (mm)	2.50	64
Swivels, in (mm)	2.50	64



\*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.