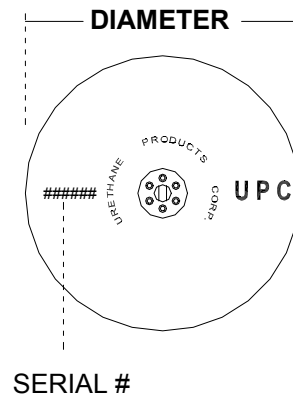
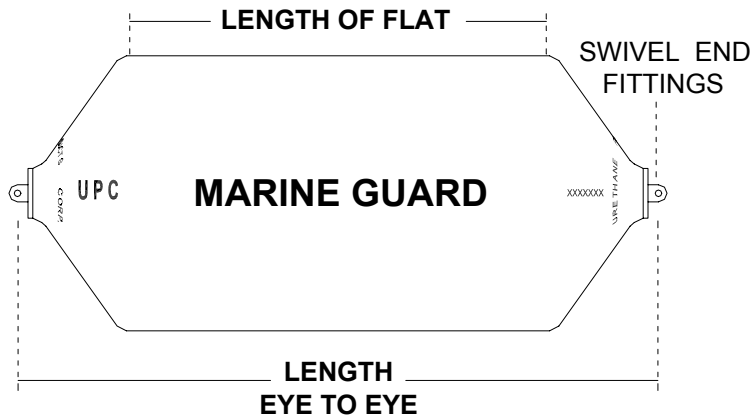




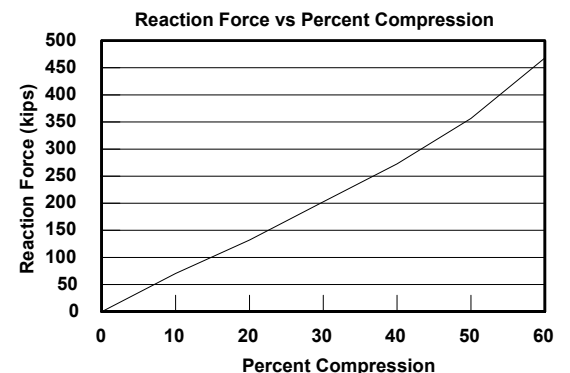
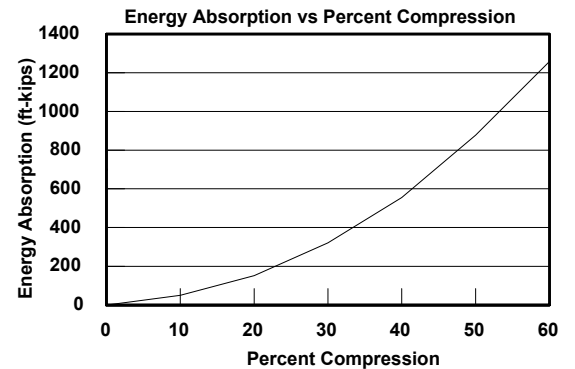
# MARINE GUARD™ Foam Filled Fenders

## 10.0 ft (3.0 m) Diameter x 18.0 ft (5.5 m) Long

### Standard Capacity



10.0 Ft. DIAMETER x 18.0 Ft. LONG	English	Metric
<b>PERFORMANCE* (AT 60% COMPRESSION)</b>		
Energy absorption, ft-kip (ton-m)	1,258	174
Reaction force, kip (ton)	468	212
<b>DIMENSIONS AND WEIGHT</b>		
Diameter, ft (m)	10.0	3.0
Length eye-to-eye, ft (m)	18.0	5.5
Length of flat, ft (m)	11.0	3.3
Skin thickness, in (mm)	1.50	38
Weight, lb. (kg)	8,465	3,840
Cube, ft <sup>3</sup> (m <sup>3</sup> )	1,900	54
<b>TECHNICAL DATA</b>		
Standoff distance:		
Maximum, ft (m)	10.0	3.0
At 60% compression, ft (m)	4.0	1.2
Safe working end-pull load, kip (kN)	70	311
<b>FOOTPRINT (AT 60% COMPRESSION)</b>		
Maximum width, ft (m)	12.5	3.8
Maximum length, ft (m)	13.4	4.1
Area, ft <sup>2</sup> (m <sup>2</sup> )	130.0	12.0
<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.