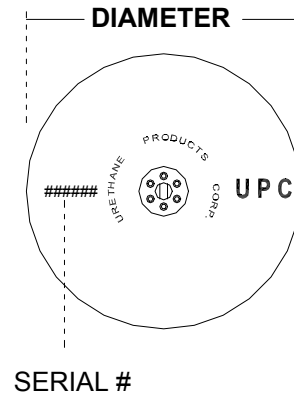
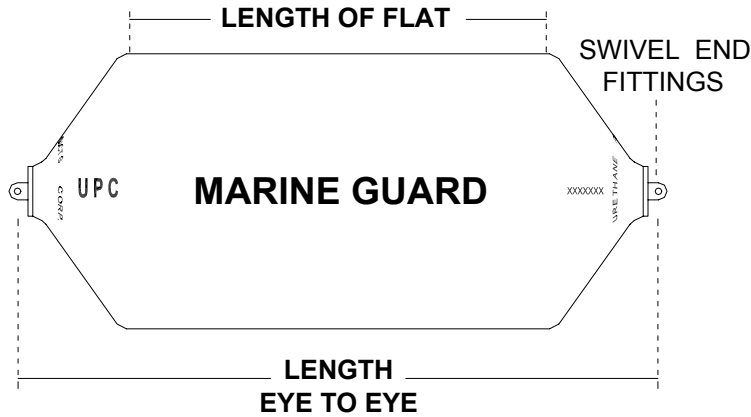


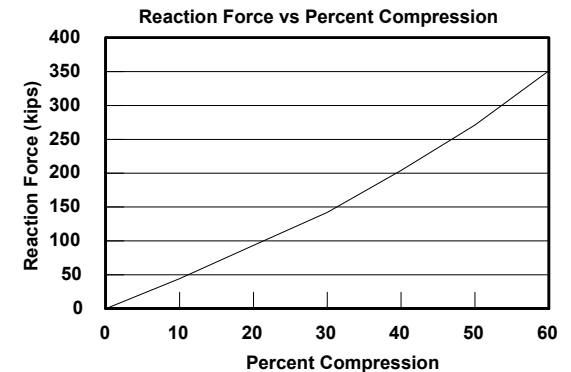
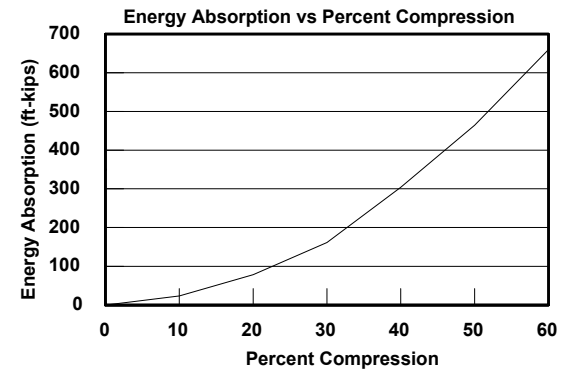


MARINE GUARD™ Foam Filled Fenders

7.0 ft (2.1 m) Diameter x 18.0 ft (5.5 m) Long
Standard Capacity



7.0 Ft. DIAMETER x 18.0 Ft. LONG	English	Metric
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	660	91
Reaction force, kip (ton)	351	159
DIMENSIONS AND WEIGHT		
Diameter, ft (m)	7.0	2.1
Length eye-to-eye, ft (m)	18.0	5.5
Length of flat, ft (m)	12.7	3.9
Skin thickness, in (mm)	1.38	35
Weight, lb. (kg)	5,475	2,480
Cube, ft ³ (m ³)	946	27
TECHNICAL DATA		
Standoff distance:		
Maximum, ft (m)	7.0	2.1
At 60% compression, ft (m)	2.8	0.9
Safe working end-pull load, kip (kN)	70	311
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	8.8	2.7
Maximum length, ft (m)	14.7	4.5
Area, ft ² (m ²)	97.5	9.1
RECOMMENDED SIZES OF MOUNTING HARDWARE		
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.