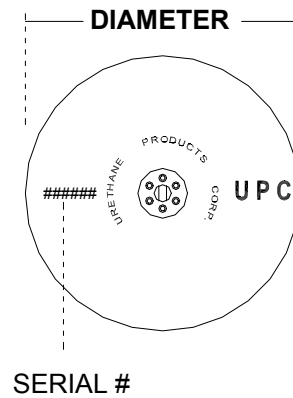
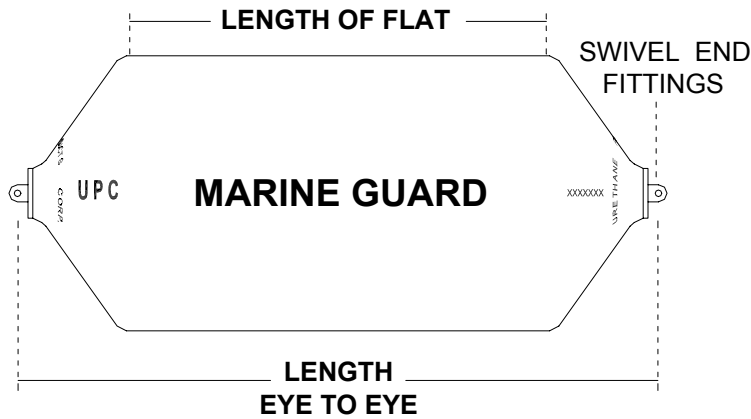




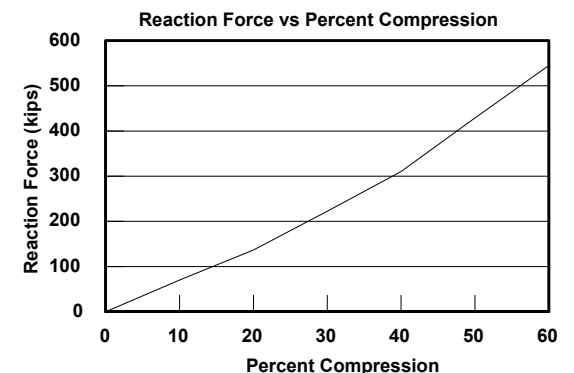
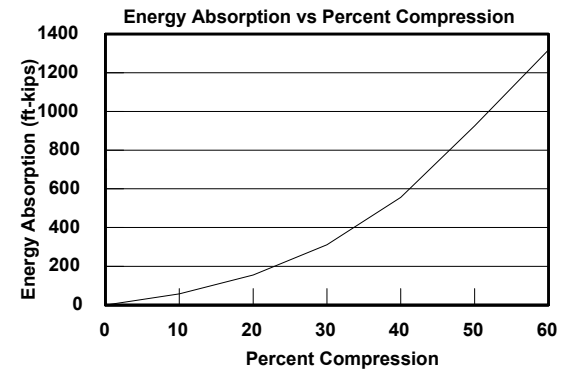
MARINE GUARD™ Foam Filled Fenders

9.0 ft (2.7 m) Diameter x 22.0 ft (6.7 m) Long

Standard Capacity



9.0 Ft. DIAMETER x 20.0 Ft. LONG	English	Metric
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	1,318	182
Reaction force, kip (ton)	545	247
DIMENSIONS AND WEIGHT		
Diameter, ft (m)	9.0	2.7
Length eye-to-eye, ft (m)	22.0	6.7
Length of flat, ft (m)	15.5	4.8
Skin thickness, in (mm)	1.75	44
Weight, lb. (kg)	10,500	4,765
Cube, ft ³ (m ³)	1,880	53
TECHNICAL DATA		
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)	110	489
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	11.3	3.4
Maximum length, ft (m)	17.7	5.4
Area, ft ² (m ²)	151.4	14.1
RECOMMENDED SIZES OF MOUNTING HARDWARE		
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.