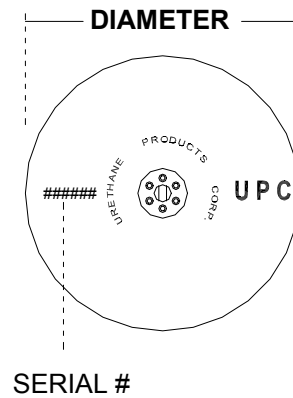
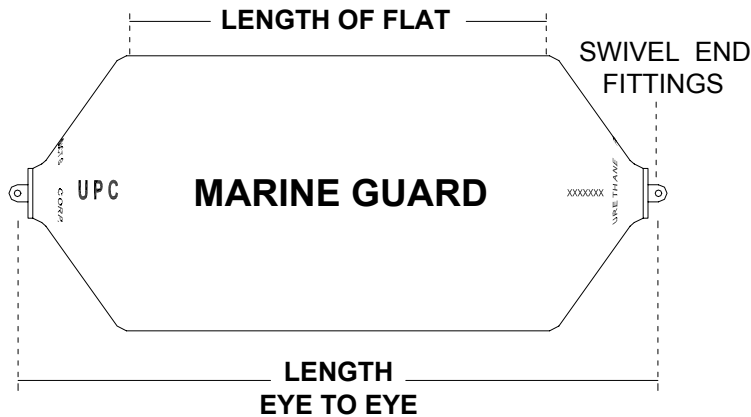




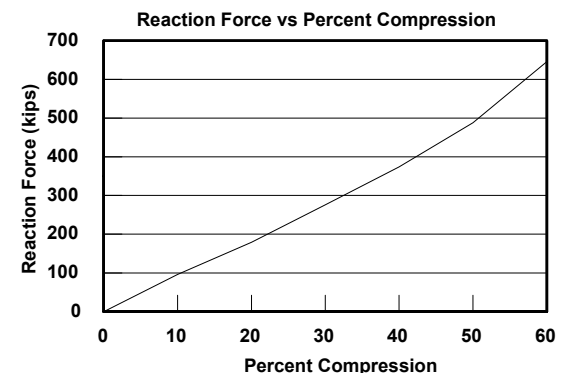
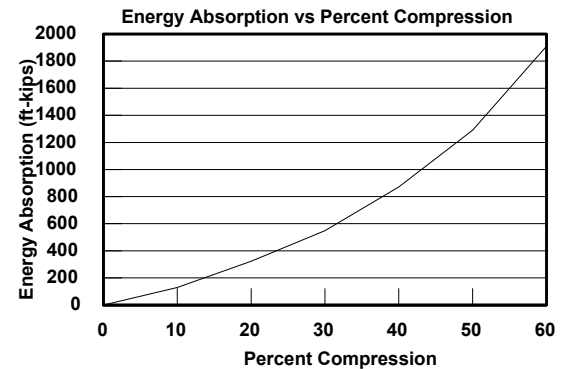
MARINE GUARD™ Foam Filled Fenders

11.0 ft (3.4 m) Diameter x 22.0 ft (6.7 m) Long

Standard Capacity



11.0 Ft. DIAMETER x 22.0 Ft. LONG	English	Metric
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	1,910	264
Reaction force, kip (ton)	646	293
DIMENSIONS AND WEIGHT		
Diameter, ft (m)	11.0	3.4
Length eye-to-eye, ft (m)	22.0	6.7
Length of flat, ft (m)	14.5	4.4
Skin thickness, in (mm)	1.63	41
Weight, lb. (kg)	12,800	5,805
Cube, ft ³ (m ³)	2,800	79
TECHNICAL DATA		
Standoff distance:		
Maximum, ft (m)	11.0	3.4
At 60% compression, ft (m)	4.4	1.3
Safe working end-pull load, kip (kN)	110	489
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	13.8	4.2
Maximum length, ft (m)	16.6	5.1
Area, ft ² (m ²)	179.4	16.7
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.