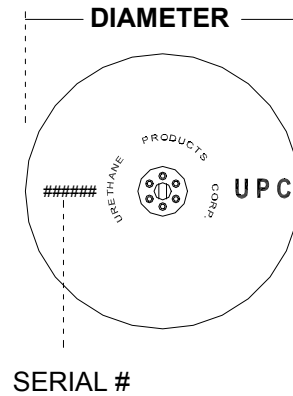
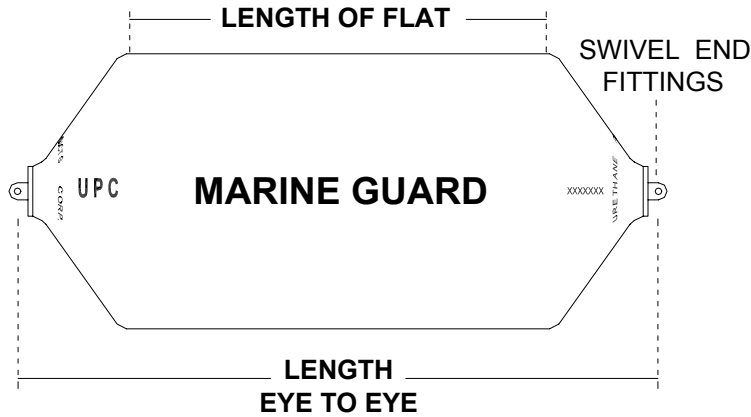




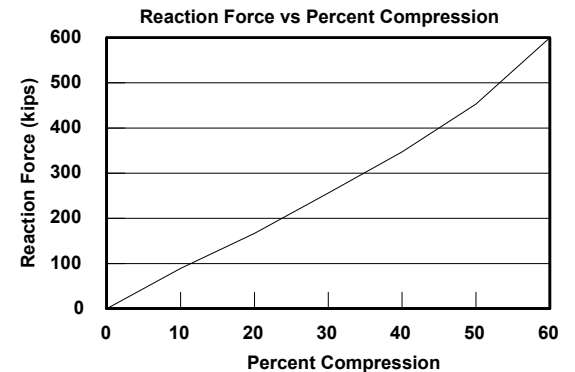
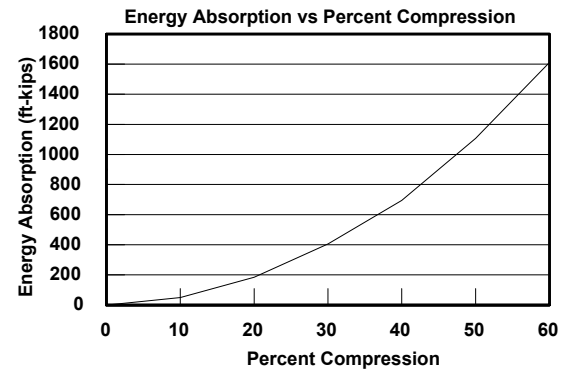
MARINE GUARD™ Foam Filled Fenders

10.0 ft (3.0 m) Diameter x 22.0 ft (6.7 m) Long

Standard Capacity



10.0 Ft. DIAMETER x 22.0 Ft. LONG	English	Metric
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	1,612	223
Reaction force, kip (ton)	600	272
DIMENSIONS AND WEIGHT		
Diameter, ft (m)	10.0	3.0
Length eye-to-eye, ft (m)	22.0	6.7
Length of flat, ft (m)	15.0	4.6
Skin thickness, in (mm)	1.75	44
Weight, lb. (kg)	11,800	5,350
Cube, ft ³ (m ³)	2,310	65
TECHNICAL DATA		
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)	110	489
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	12.5	3.8
Maximum length, ft (m)	17.4	5.3
Area, ft ² (m ²)	166.7	15.5
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.