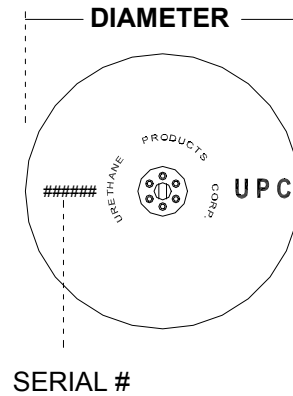
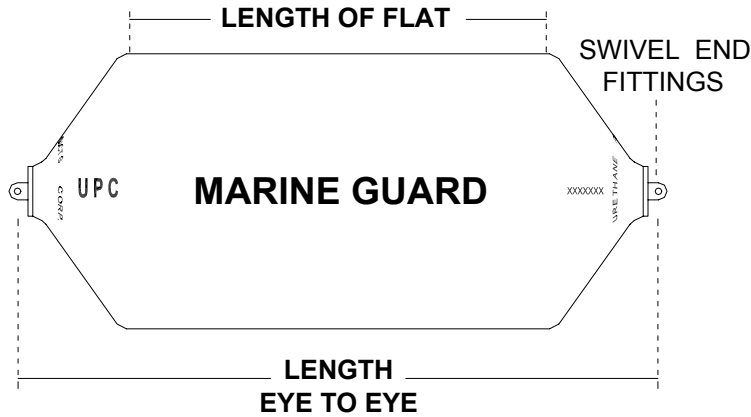




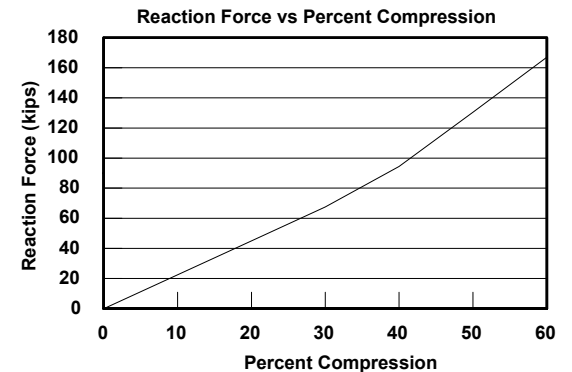
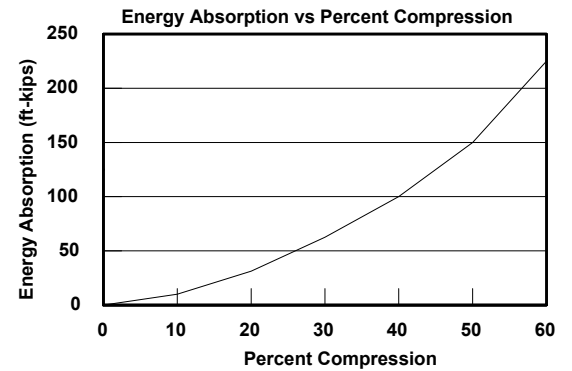
MARINE GUARD™ Foam Filled Fenders

5.0 ft (1.5 m) Diameter x 12.0 ft (3.7 m) Long

Standard Capacity



5.0 Ft. DIAMETER x 12.0 Ft. LONG	English	Metric
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	225	31
Reaction force, kip (ton)	167	75
DIMENSIONS AND WEIGHT		
Diameter, ft (m)	5.0	1.5
Length eye-to-eye, ft (m)	12.0	3.7
Length of flat, ft (m)	8.1	2.5
Skin thickness, in (mm)	1.0	25
Weight, lb. (kg)	1,800	815
Cube, ft ³ (m ³)	325	9.2
TECHNICAL DATA		
Standoff distance:		
Maximum, ft (m)	5.0	1.5
At 60% compression, ft (m)	2.0	0.6
Safe working end-pull load, kip (kN)	24	107
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	6.3	1.9
Maximum length, ft (m)	9.8	3.0
Area, ft ² (m ²)	46.4	4.3
RECOMMENDED SIZES OF MOUNTING HARDWARE		
Chain, in (mm)	1.25	32
Shackles, in (mm)	1.25	32
Swivels, in (mm)	1.25	32



*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.