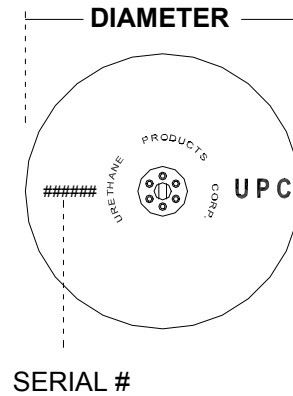
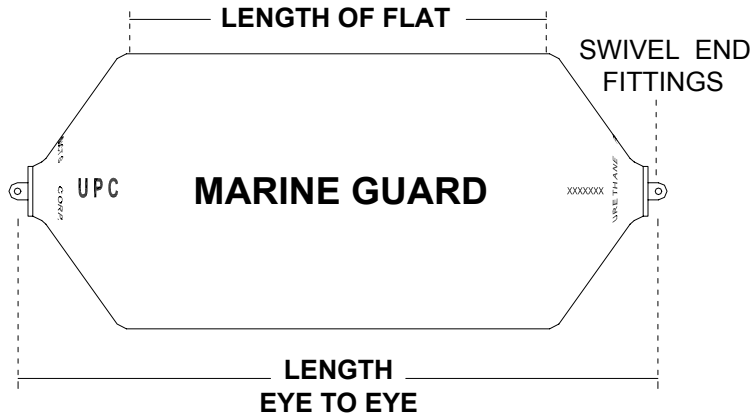




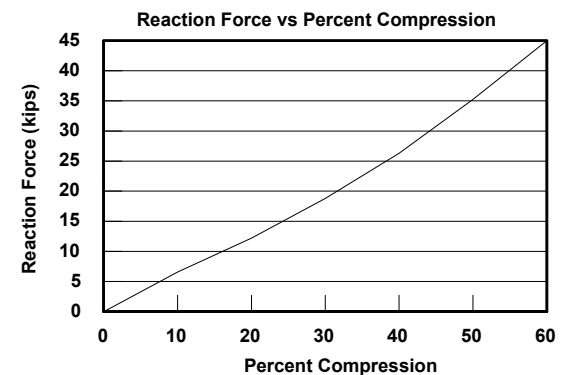
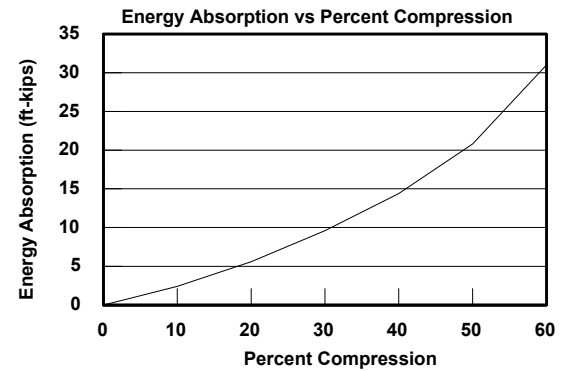
MARINE GUARD™ Foam Filled Fenders

3.0 ft (0.9 m) Diameter x 5.0 ft (1.5 m) Long

Standard Capacity



3.0 Ft. DIAMETER x 5.0 Ft. LONG	English	Metric
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	31	4.3
Reaction force, kip (ton)	45	20
DIMENSIONS AND WEIGHT		
Diameter, ft (m)	3.0	0.9
Length eye-to-eye, ft (m)	5.0	1.5
Length of flat, ft (m)	2.6	0.8
Skin thickness, in (mm)	0.75	19
Weight, lb. (kg)	300	136
Cube, ft ³ (m ³)	54	1.5
TECHNICAL DATA		
Standoff distance:		
Maximum, ft (m)	3.0	0.9
At 60% compression, ft (m)	1.2	0.4
Safe working end-pull load, kip (kN)	9.5	42
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	3.8	1.2
Maximum length, ft (m)	3.7	1.1
Area, ft ² (m ²)	11	1.0
RECOMMENDED SIZES OF MOUNTING HARDWARE		
Chain, in (mm)	0.75	19
Shackles, in (mm)	0.75	19
Swivels, in (mm)	0.75	19



*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.