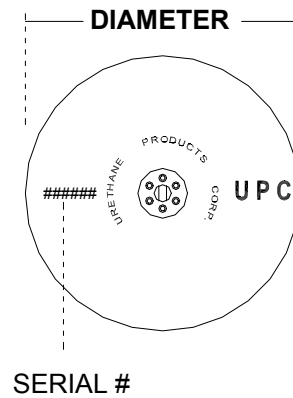
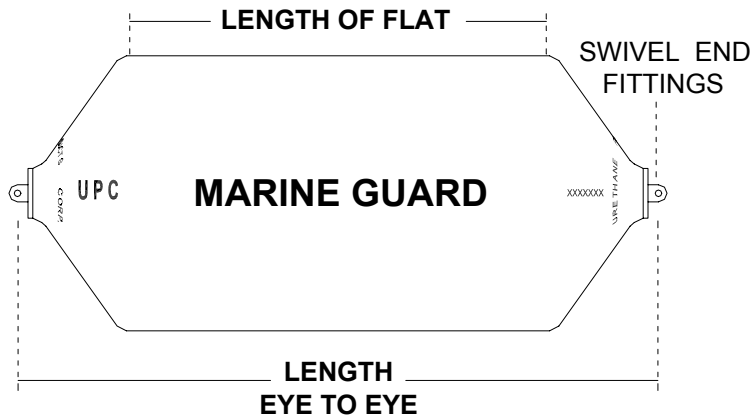




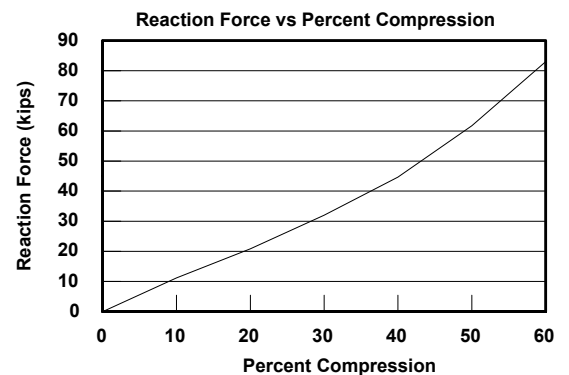
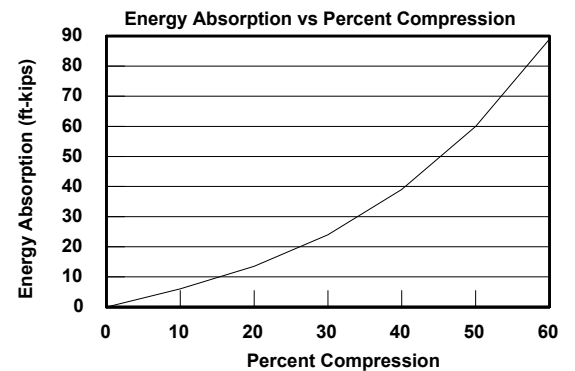
MARINE GUARD™ Foam Filled Fenders

4.0 ft (1.2 m) Diameter x 8.0 ft (2.4 m) Long

Standard Capacity



4.0 Ft. DIAMETER x 8.0 Ft. LONG	English	Metric
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	89	12
Reaction force, kip (ton)	83	38
DIMENSIONS AND WEIGHT		
Diameter, ft (m)	4.0	1.2
Length eye-to-eye, ft (m)	8.0	2.4
Length of flat, ft (m)	4.7	1.4
Skin thickness, in (mm)	1.00	25
Weight, lb. (kg)	825	375
Cube, ft ³ (m ³)	128	3.8
TECHNICAL DATA		
Standoff distance:		
Maximum, ft (m)	4.0	1.2
At 60% compression, ft (m)	1.6	0.5
Safe working end-pull load, kip (kN)	17	76
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	5.0	1.5
Maximum length, ft (m)	6.0	1.8
Area, ft ² (m ²)	23.1	2.1
RECOMMENDED SIZES OF MOUNTING HARDWARE		
Chain, in (mm)	1.00	25
Shackles, in (mm)	1.00	25
Swivels, in (mm)	1.00	25



*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.