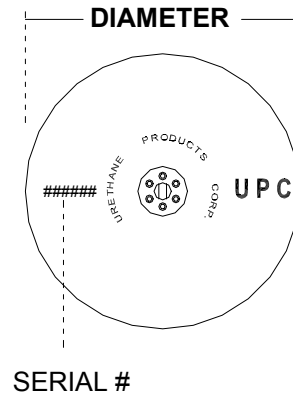
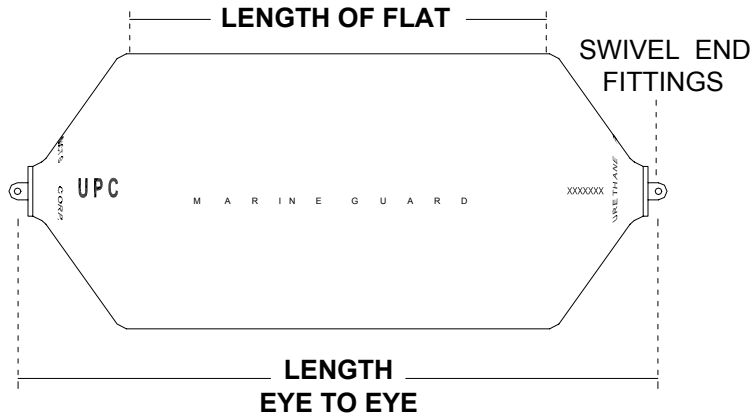




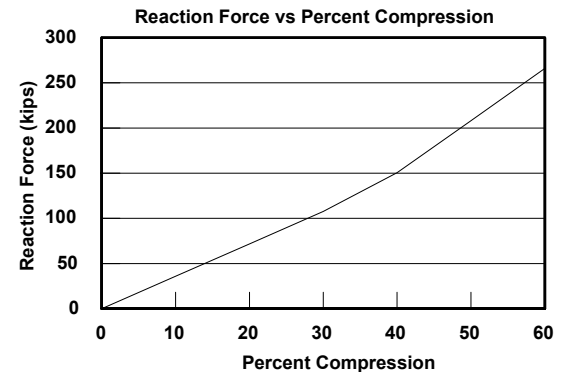
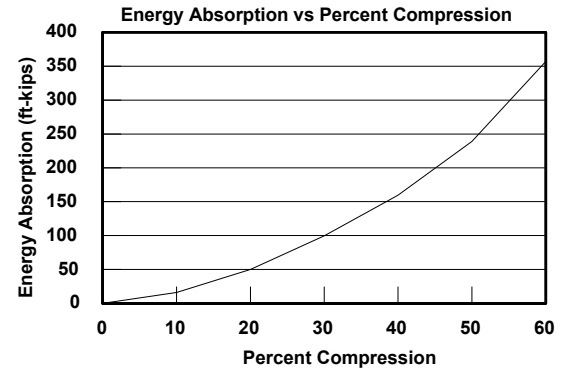
MARINE GUARD™ Foam Filled Fenders

5.0 ft (1.5 m) Diameter x 18.0 ft (5.5 m) Long

Standard Capacity



5.0 Ft. DIAMETER x 18.0 Ft. LONG	English	Metric
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	357	49
Reaction force, kip (ton)	266	121
DIMENSIONS AND WEIGHT		
Diameter, ft (m)	5.0	1.5
Length eye-to-eye, ft (m)	18.0	5.5
Length of flat, ft (m)	14.1	4.3
Skin thickness, in (mm)	1.38	35
Weight, lb. (kg)	3,600	1,633
Cube, ft ³ (m ³)	496	14
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)	50	222
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	6.3	1.9
Maximum length, ft (m)	15.8	4.8
Area, ft ² (m ²)	73.9	6.9
RECOMMENDED SIZES OF MOUNTING HARDWARE		
Chain, in (mm)	1.75	44
Shackles, in (mm)	1.75	44
Swivels, in (mm)	1.75	44



*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.