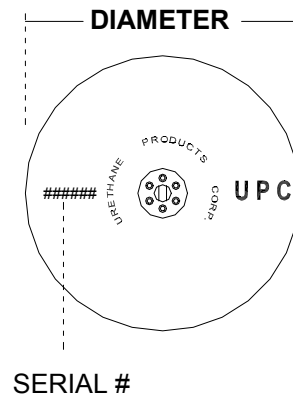
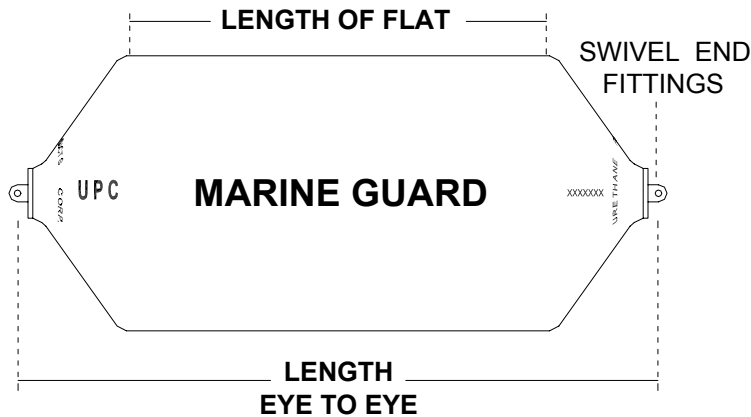




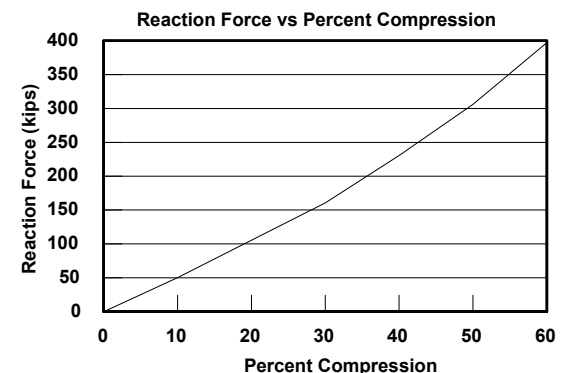
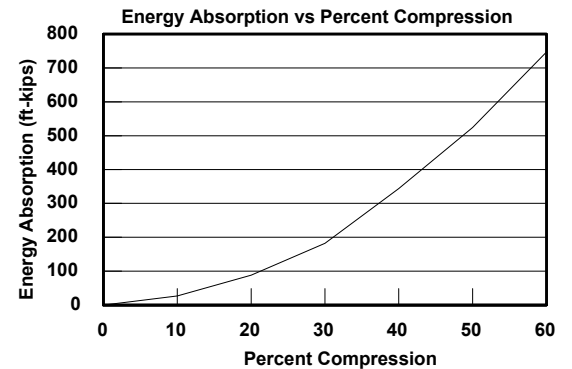
MARINE GUARD™ Foam Filled Fenders

7.0 ft (2.1 m) Diameter x 20.0 ft (6.1 m) Long

Standard Capacity



7.0 Ft. DIAMETER x 20.0 Ft. LONG	English	Metric
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	747	103
Reaction force, kip (ton)	397	180
DIMENSIONS AND WEIGHT		
Diameter, ft (m)	7.0	2.1
Length eye-to-eye, ft (m)	20.0	6.1
Length of flat, ft (m)	14.7	4.5
Skin thickness, in (mm)	1.50	38
Weight, lb. (kg)	6,300	2,860
Cube, ft ³ (m ³)	1,025	29
TECHNICAL DATA		
Standoff distance:		
Maximum, ft (m)	7.0	2.1
At 60% compression, ft (m)	2.8	0.9
Safe working end-pull load, kip (kN)	70	311
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	8.8	2.7
Maximum length, ft (m)	16.7	5.0
Area, ft ² (m ²)	110.3	10.2
RECOMMENDED SIZES OF MOUNTING HARDWARE		
Chain, in (mm)	2.00	51
Shackles, in (mm)	2.00	51
Swivels, in (mm)	2.00	51



*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.