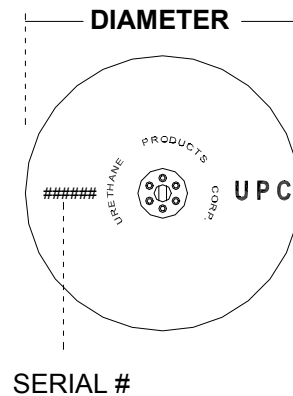
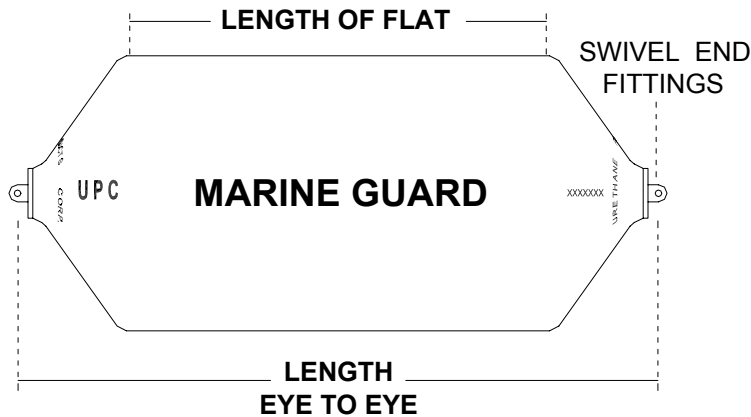




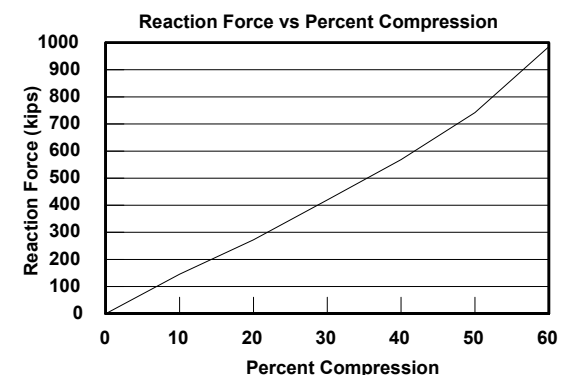
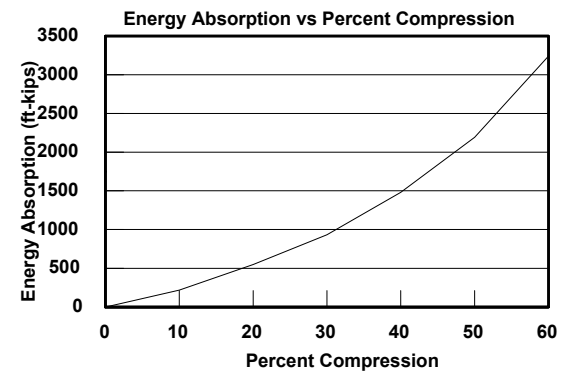
MARINE GUARD™ Foam Filled Fenders

13.0 ft (4.0 m) Diameter x 26.0 ft (7.9 m) Long

Standard Capacity



13.0 Ft. DIAMETER x 26.0 Ft. LONG	English	Metric
PERFORMANCE* (AT 60% COMPRESSION)		
Energy absorption, ft-kip (ton-m)	3,240	448
Reaction force, kip (ton)	985	447
DIMENSIONS AND WEIGHT		
Diameter, ft (m)	13.0	4.0
Length eye-to-eye, ft (m)	26.0	7.9
Length of flat, ft (m)	17.3	5.3
Skin thickness, in (mm)	1.88	48
Weight, lb. (kg)	20,100	9,120
Cube, ft ³ (m ³)	4,560	129
TECHNICAL DATA		
Standoff distance:		
Maximum, ft (m)	13.0	4.0
At 60% compression, ft (m)	5.2	1.6
Safe working end-pull load, kip (kN)	110	489
FOOTPRINT (AT 60% COMPRESSION)		
Maximum width, ft (m)	15.8	4.8
Maximum length, ft (m)	19.8	6.0
Area, ft ² (m ²)	274	25.5
RECOMMENDED SIZES OF MOUNTING HARDWARE		
Chain, in (mm)	2.50	64
Shackles, in (mm)	2.50	64
Swivels, in (mm)	2.50	64



*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.