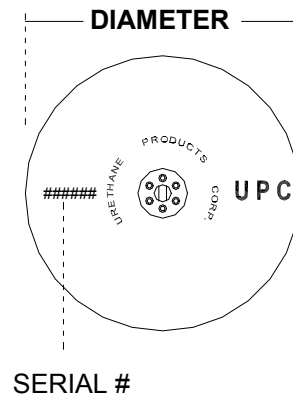
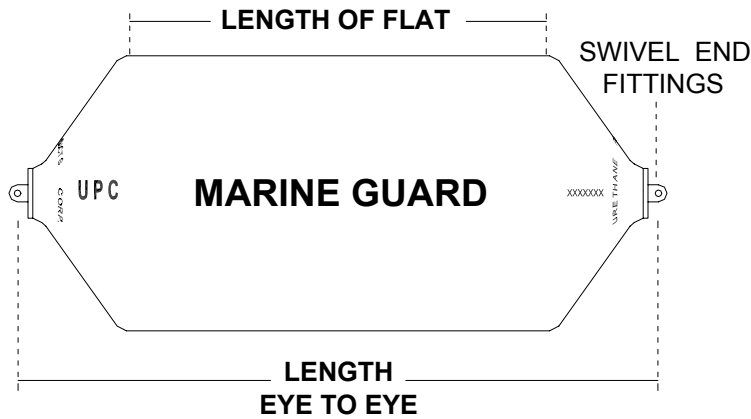




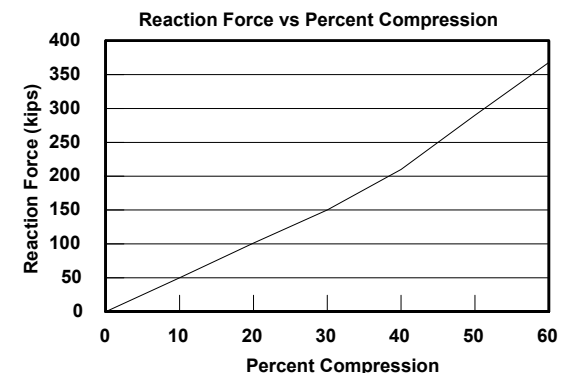
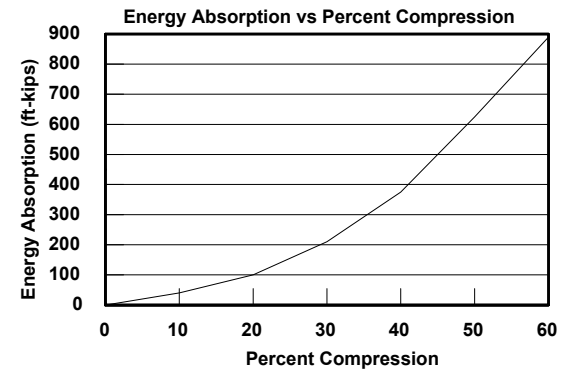
# MARINE GUARD™ Foam Filled Fenders

## 9.0 ft (2.7 m) Diameter x 16.0 ft (4.9 m) Long

### Standard Capacity



| 9.0 Ft. DIAMETER x 16.0 Ft. LONG              | English | Metric |
|---|---------|--------|
| <b>PERFORMANCE* (AT 60% COMPRESSION)</b>      |         |        |
| Energy absorption, ft-kip (ton-m)             | 890     | 123    |
| Reaction force, kip (ton)                     | 368     | 167    |
| <b>DIMENSIONS AND WEIGHT</b>                  |         |        |
| Diameter, ft (m)                              | 9.0     | 2.7    |
| Length eye-to-eye, ft (m)                     | 16.0    | 4.9    |
| Length of flat, ft (m)                        | 9.5     | 2.9    |
| Skin thickness, in (mm)                       | 1.25    | 32     |
| Weight, lb. (kg)                              | 6,150   | 2,790  |
| Cube, ft <sup>3</sup> (m <sup>3</sup> )       | 1,350   | 38     |
| <b>TECHNICAL DATA</b>                         |         |        |
| Standoff distance:                            |         |        |
| Maximum, ft (m)                               | 9.0     | 2.7    |
| At 60% compression, ft (m)                    | 3.6     | 1.1    |
| Safe working end-pull load, kip (kN)          | 70      | 311    |
| <b>FOOTPRINT (AT 60% COMPRESSION)</b>         |         |        |
| Maximum width, ft (m)                         | 11.3    | 3.4    |
| Maximum length, ft (m)                        | 11.7    | 3.6    |
| Area, ft <sup>2</sup> (m <sup>2</sup> )       | 102.2   | 9.5    |
| <b>RECOMMENDED SIZES OF MOUNTING HARDWARE</b> |         |        |
| 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.