



Polyform HDF Series

- Heavy Duty Fender

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"Clearly a great product. This size is perfect for our use"

Stian Bjørge, Captain on board AHTS *Island Valiant*, describing HDF30

From the world leading manufacturer of buoys, fenders and floats



HDF-series

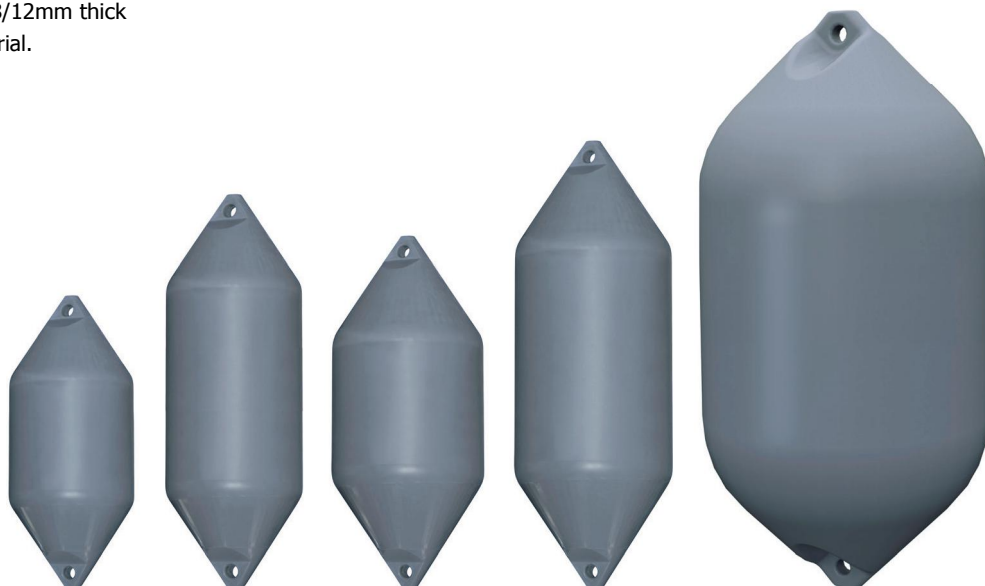
Heavy Duty Fenders



Strong, durable air-filled fenders for commercial crafts. Produced in one piece with extra reinforced ropeholds. The HDF fenders are roto-molded from a strong, 8/12mm thick semi-soft thermo-plastic material.

Standard color ~ ~

Custom colors available.

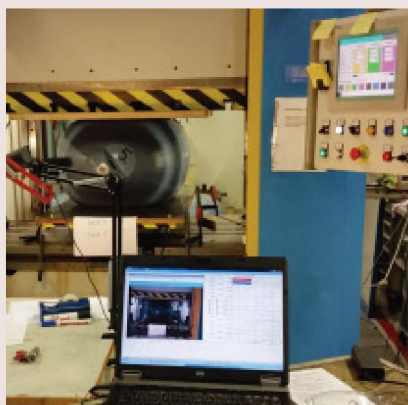


Type	HDF9	HDF10	HDF11	HDF12	HDF30
Volume in liter	140	210	265	400	1750
Weight in kg	11	18	20	30	85
Net buoyancy kg	129	192	245	370	1665
Height cm	120	160	145	185	235
Diameter in cm *	50	50	65	65	117
Eyelet in ropehold cm	5	5	5	5	6

* Recommended

For all measurements, weights and other technical data specified in this table, please allow for a deviation of not less than +/- 5%.

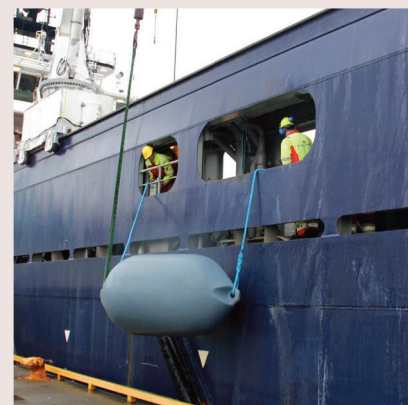
The illustrations may deviate from the actual product.



Testing performed by SINTEF in 2015



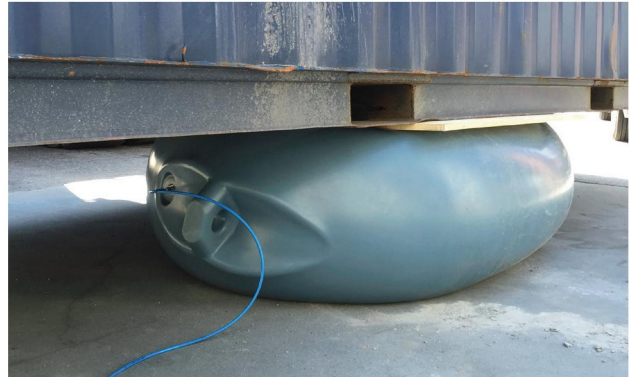
Photo: Oscar Lindqvist, Island Offshore



High abrasion resistance and light weight. Resistant to seawater, cleaning agents, common solvents, mineral oil and UV-light. Photos from the vessels Island Patriot and Island Valiant.

Special Properties

- Light weight (HDF 9-12 below 30kgs).
- Easy handling.
- High energy absorption.
- Long service life - high durability.
- Cost efficient.
- Resistant to sunlight.
- Resistant to sea water, mineral oils, cleansing agents and common solvents.
- A one-piece product, no cords or linings that reduces the lifetime.

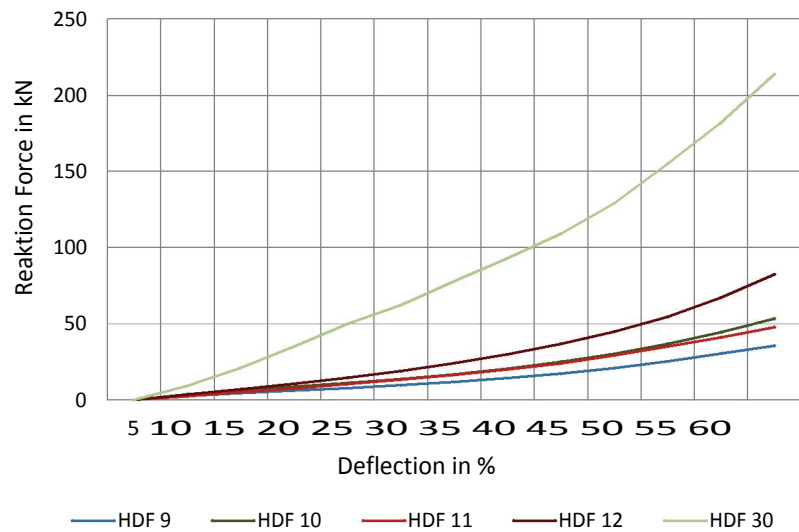


*"These have been the best fenders we've had.
Both in terms of durability, and the fact that they are easy to handle"*

Thom J. Djurhuus, Chief Officer on board WSV *Island Patriot*, describing HDF12

Type	HDF9	HDF10	HDF11	HDF12	HDF30
Energy (kJNm)	3,98	5,7	7,12	10,66	21,4
Reaction force in kN	36	53	48	82	214
Pressure (kPa)	77,3	77,3	67,7	78,8	179

* Testing performed with initial pressure at 0,15 bar. Results in table measured at 60% deflection.



Many thanks to the crew at Island Valiant for assistance during the photoshoot!



MS Øytind, the wellboat of Bømlo Brønnbåtservice AS, ready for deliverance from Aas Mek. Verksted AS (sept-15), equipped with Heavy Duty Fenders from Polyform AS.

(Photo: Aas Mekaniske Verksted AS)



Polyform buoys and fenders are produced by Polyform AS, a leading manufacturer in its field. The company is situated in Ålesund on the west coast of Norway, and benefits from being located in one of the world's most innovative maritime environments.

The product range consists of:

- Inflatable buoys and fenders made from soft vinyl plastics
- Purse Seine Floats, buoys and marina fenders made from Bacell TM closed cell foam.
- Extra large hard-shell buoys and pontoon floats made from PE and filled with foam.

A selection of various production methods are being used, and combined with the utilization of different materials, several of which are in-house developed and patented.

- Rotational molding
- Blow molding
- Injection molding
- Extrusion
- Expansion of closed cell foam

In addition to the extensive range of standard products, Polyform AS can also offer custom-made solutions and private-label products.

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