

# Polyform® HDF10 Heavy Duty Fender



Proudly made by  
The Originator of  
Modern Plastic Buoys

## POLYFORM® OF NORWAY

The HDF10 fender is rotomolded from a strong, 8 mm thick semisoft thermo-plastic material produced in one piece with extra reinforced ropeholds. The HDF fender is a strong, durable air-filled fender for commercial crafts.



V-40 all plastic valve

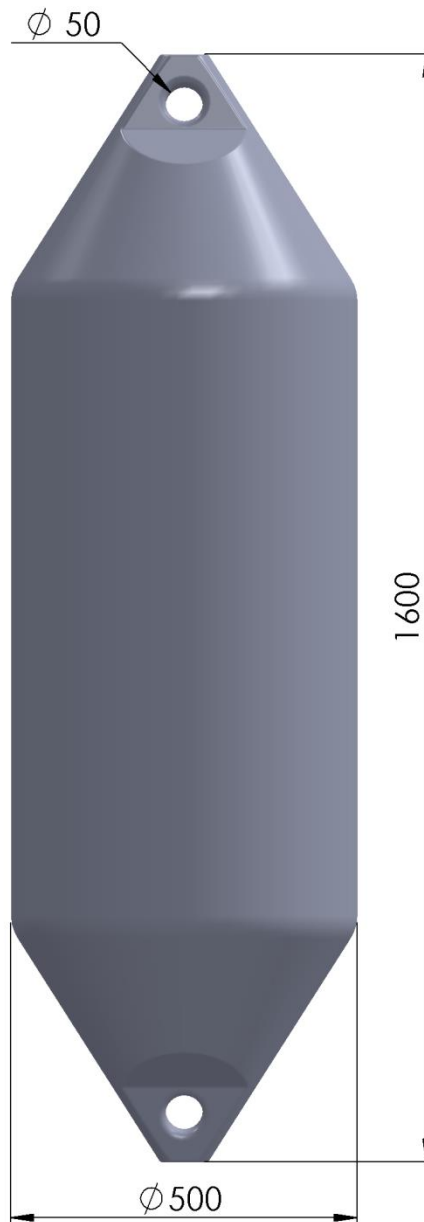
## POLYFORM AS

Polyform AS is a world leading manufacturer of buoys fenders and floats, and the originator of the modern inflatable plastic buoy. The company is registered in Norway and situated in Ålesund at the north-western coast of Norway, and benefits from being located in one of the world's most innovative maritime environments.

The product range of Polyform AS consists of:

- Inflatable buoys and fenders made from soft Vinyl plastics.
- Purse Seine Floats, buoys and marina fenders made from BACELL closed cell foam.
- Hard-shell buoys and pontoon floats made from PE and filled with foam

## PRODUCT INFORMATION



## ARTICLE NUMBER HDF10

Diameter (max recommended)	500 mm
Height (max)	1600 mm
Weight (nominal)	17,5 Kg
Eye diameter for ropehold	50 mm
Valve type	V40
Gross volume	230 L

## TECHNICAL INFORMATION

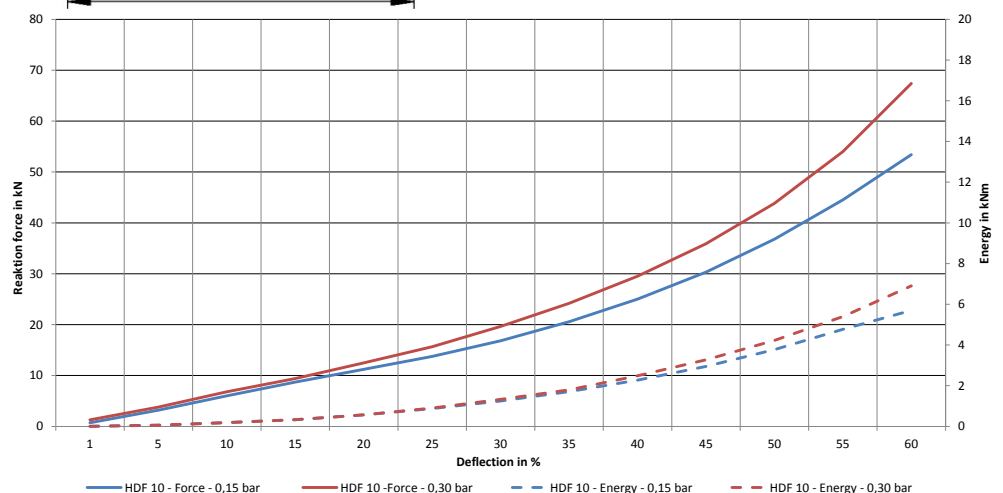
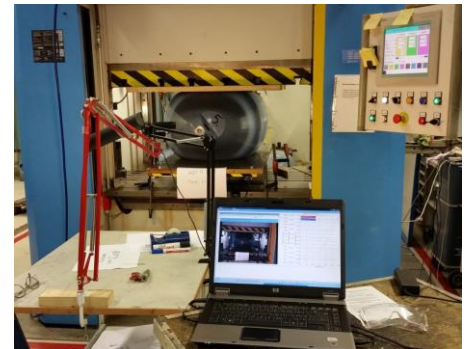
Breaking load for ropehold	2500 kp
Buoy body material description	POP
Hardness, shore A	92
Tensile strength	19 MPa
Elongation at break	1000%
Cold flex temperature	-33°C
Recommended max temp.	40°C
Temp. not to be exceeded	50°C
Specific gravity	0,9

\* POP: Polyolefin plastomer

## PERFORMANCE DATA

	0,15 bar	0,30 bar
Energy	5,7 kNm	6,9 kNm
Reaktion	53,4 kN	67,4 kN
Pressure	77,3 kPa	104,5 kPa

\* Testing performed by SINTEF in 2015



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For all measurements, weights and other technical data specified in this data sheet, please allow for a deviation of not less than +/-5%. The illustration may deviate from the actual product.