

Polyform® HDF12 Heavy Duty Fender



Proudly made by
The Originator of
Modern Plastic Buoys

POLYFORM® OF NORWAY

The HDF12 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 HDF12

Diameter (max recommended)	650 mm
Height (max)	1850 mm
Weight (nominal)	30 Kg
Eye diameter for ropehold	50 mm
Valve type	V40
Gross volume	400 L

TECHNICAL INFORMATION

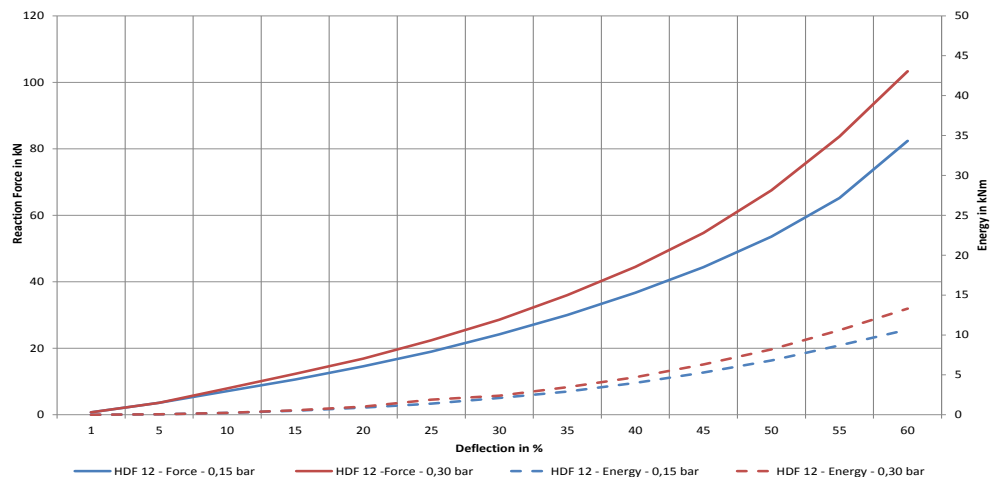
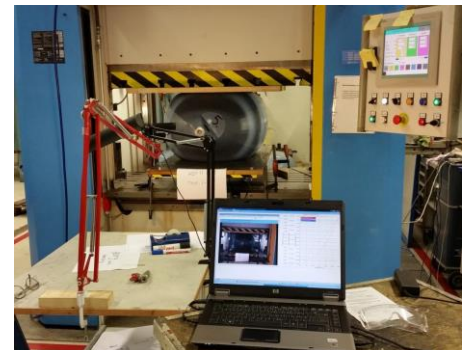
Breaking load for ropehold	2500 kp
Buoy body material description	POP
Hardness, shore A	92
Tensile strength	19 MPa
Elongation at break	1000%
Cold flex temperature	-33°C
Recommended max temp.	40°C
Temp. not to be exceeded	50°C
Specific gravity	0,9

* POP: Polyolefin plastomer

PERFORMANCE DATA

	0,15 bar	0,30 bar
Energy	10,66 kNm	13,3 kNm
Reaktion	82,4 kN	103,3 kN
Pressure	78,8 kPa	105,6 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.