

# Polyform® Aqua Series Mooring Buoy



Proudly made by  
The Originator of  
Modern Plastic Buoys

## POLYFORM® OF NORWAY

The Aqua 100, configured for fish farming/aquaculture, is made from a rotomolded PE outer shell and filled with polystyrene (EPS) foam, guaranteeing a compressive strength of 5 mH<sub>2</sub>O and a density of 25kg /m<sup>3</sup>. The continuous high quality chain is terminated at either end of the buoy by use of hot dip galvanized steel terminating discs that are designed to prevent damage to the buoy. The chain is easily attached by shackle to the anchor line. All wear parts are standard components and can easily be replaced. Aqua-series buoys are designed for surface use and they are equipped with four yellow, daylight reflective tapes for better visibility. Armature and also a radar reflector can be supplied on demand and can also be mounted afterwards.

## 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.

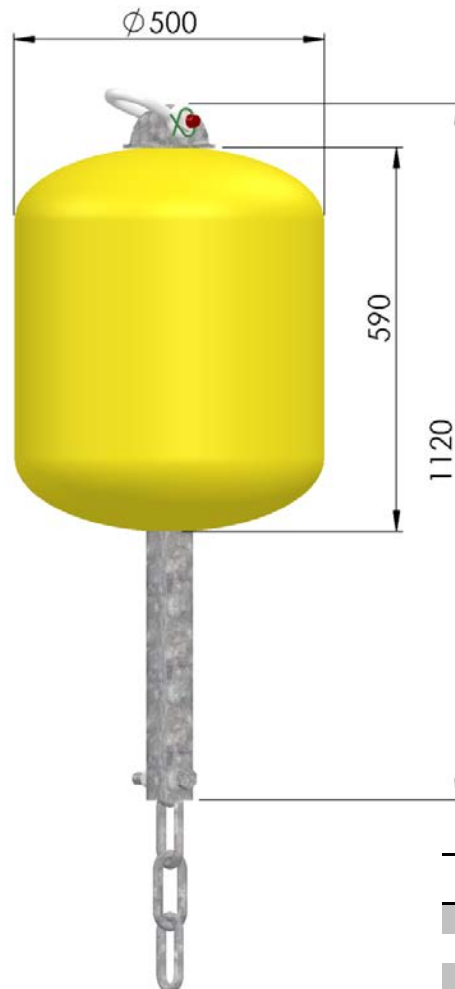
The product range of Polyform AS consists of:

- 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

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## Product information



Article number	Aqua 100
Diameter	500 mm
height	1120 mm
Weight (nominal)	25 Kg
Gross volume	106 L
Buoyancy	80 Kg
Recommended normal load	40 Kg

## Technical Information

Breaking load Chain	260 KN
Breaking load Shackle	280 KN
<b>Buoy body material description</b>	
Material	LLPE
Hardness, shore D	57
Tensile strength	17,5 MPa
Ultimate Elongation	650%
Recommended min temp.	-25°C
Recommended max temp.	40°C
Temp. not to be exceeded	50°C
Specific gravity	0,94
<b>Foam core material description</b>	
Material	EPS
Density	>25 Kg/m <sup>3</sup>
Compressive strength	50 KPa

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.