

# Polyform® Aqua Series

Proudly made by

The Originator of

Modern Plastic Buoys

## Product information

### POLYFORM® OF NORWAY

The Aqua 400, 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 a hot dip galvanized steel armature that is 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

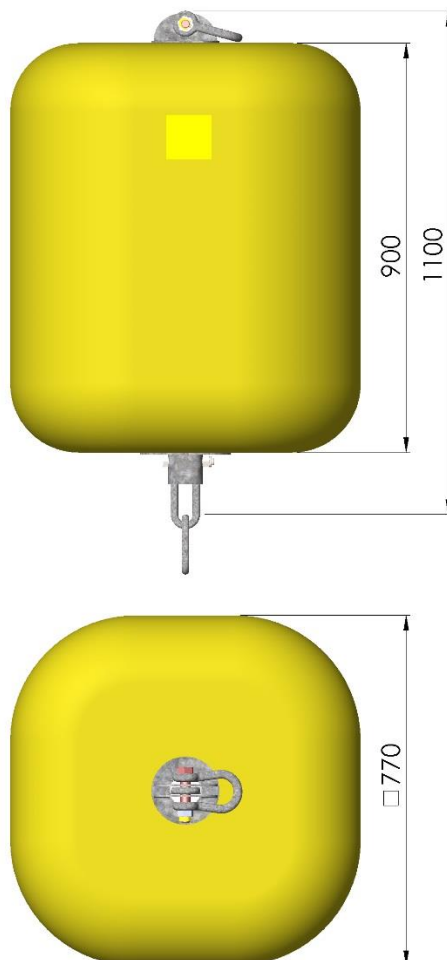
Polyform AS is a world leading manufacturer of buoys fenders and floats, and the originator of the modern inflatable plastic buoy. The company is registered in Norway and situated in Ålesund at the north-western coast of Norway, and benefits from being located in one of the world's most innovative maritime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



Article number	Aqua 400
Length	770 mm
Width	770 mm
Height	1100 mm
Wall thickness	5 mm
Weight (nominal)	45 Kg
Gross volume	450 L
Buoyancy	400 Kg
Recommended normal load	200 Kg

### Technical Information

Breaking load Chain	260 KN
Breaking load Shackle	280 KN
Buoy body material description	
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

### Foam core material description

Material	EPS
Density	>25 Kg/m <sup>3</sup>
Compressive strength	50 KPa

### PRODUCT CERTIFICATE



Complies with the requirements for strenght and safety according to **Marine fish farms NS9415** (Norwegian Standard)

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.

**Maru Watersport & Industrie**  
+31(0)297-363009  
maru@polyform.nl  
www.maru.nl