

# Polyform® APB Aqua Series



Proudly made by

The Originator of

Modern Plastic Buoys

## POLYFORM® OF NORWAY

The APB 6600 Aqua buoy is rotomolded from polyethylene (PE). The top and mid elements are filled with polystyrene foam (EPS) and the bottom element is filled with polyurethane (PUR), designed for surface use and equipped with yellow, daylight reflective tapes on all 4 sides. The buoy is made from three 2200 liter elements. In addition to the continuous chain through the center, the buoy is secured with 4 full-length hot dip galvanized steel bolts.

The APB-series represents a modular series of buoys, designed for surface or for sub-surface use, rotomolded from polyethylene (PE) and filled with polystyrene foam (EPS), polyurethane foam (PUR) or other materials depending on the application. The steel armatures and chain vary from application to application depending on whether it is for aquaculture, offshore, surface, sub-surface or other installations. The buoys are designed to form a modular system and individual sections can therefore be added or, if necessary be removed from the assembly, to adapt to different buoyancy needs. The buoys include an integrated pipe as part of the top disc, allowing for light and different other equipment easily to be mounted.

## 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	APB 6600 aqua
Length	1800 mm
Width	1800 mm
height	3270 mm
Weight (nominal)	890 Kg
Gross volume	7350 L
Buoyancy	6400 Kg
Recommended normal load	3200 Kg

## Technical information

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	250 Kg/m <sup>3</sup>
Compressive strength	50 KPa
Foam core material description low end element	
Material	PUR
Density	42 Kg/m <sup>3</sup>
Compressive strength	100 KPa

## PRODUCT CERTIFICATE



Complies with the requirements for strength 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.