

Polyform® APB Aqua Series



Proudly made by

The Originator of

Modern Plastic Buoys

POLYFORM® OF NORWAY

The APB 8000 Aqua buoy is rotomolded from polyethylene (PE). The two top elements are filled with polystyrene foam (EPS) and the two bottom elements are filled with polyurethane (PUR), designed for surface use and equipped with yellow, daylight reflective tapes on all 4 sides. The buoy is made from four 2200 liter elements. The chain runs through the center of the hot dip galvanized steel tube armature. The chain is attached to the top side of the buoy by a standard shackle.

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 flange on the top side armature, allowing for light and 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

POLYFORM AS

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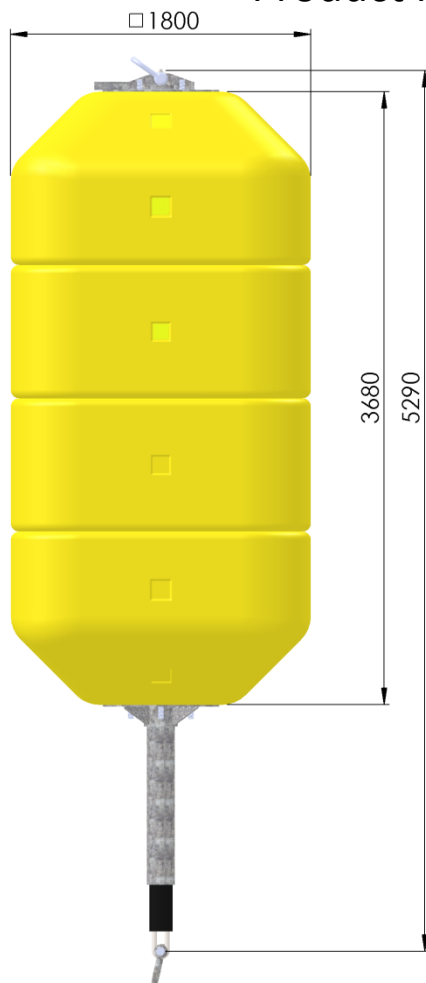
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Product information



Article number	APB 8000 aqua
Length	1800 mm
Width	1800 mm
height	5290 mm
Weight (nominal)	1685 Kg
Gross volume	9700 L
Buoyancy	8215 Kg
Recommended normal load	4100 Kg

Technical Information

Breaking load Chain	1310 kN
Breaking load Shackle	900 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 ³
Compressive strength	50 kPa
2x low end element core material	
Material	PUR
Density	45 Kg/m ³
Compressive strength	100 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.