

Polyform® APB Aqua Series



Proudly made by

The Originator of

Modern Plastic Buoys

POLYFORM® OF NORWAY

The APB 4400 Aqua buoy is rotomolded from polyethylene (PE) and filled with polystyrene foam (EPS), designed for surface use and equipped with yellow, daylight reflective tapes on all 4 sides. The buoy is made from two 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 fixture for light and different other equipment easily to be mounted on the topside of the buoy.

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

POLYFORM AS

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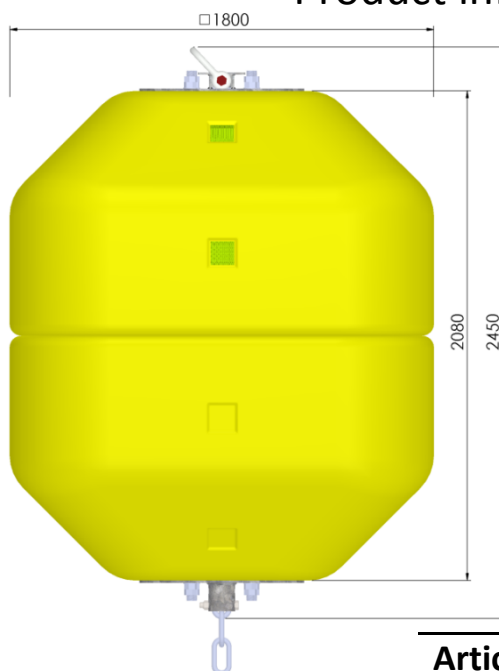
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Product information



| Article | Aqua APB 4400 Light |
|-------------------------|---------------------|
| Length | 1800 mm |
| Width | 1800 mm |
| Height | 2450 mm |
| Wall thickness | 8 mm |
| Weight (nominal) | 510 Kg |
| Gross volume | 5000 L |
| Buoyancy | 4615 Kg |
| Recommended normal load | 2300 Kg |

Technical information

| | |
|---------------------------------------|----------------------|
| Breaking load Chain | 460 KN |
| Breaking load Shackle | 600 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 |

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.