

Polyform® HL1 Heavy Duty buoy



Proudly made by
The Originator of
Modern Plastic Buoys

POLYFORM® OF NORWAY

The POLYFORM® HL-1 is a supreme heavy duty buoy with an extra strong pre-made injection molded ropehold. The buoy and the rib-reinforced ropehold are unified through the in-house developed rotomolding WELCOTEC technology. The ribbed and bullet shaped POLYFORM™ HL buoys are designed to reduce drag. Under some conditions the drag can be reduced by up to 80% compared to spherical buoys. The HL-series are made from our unique blend of high class tough, flexible vinyl materials. The buoys are resistant to all weather conditions. The HL-series low drag buoys are used all over the world for different applications, such as in commercial fishing as net buoys, buoys for long lines, lobster and crab pots, markers and as heavy duty fenders.

Available in various colours.

Polyform AS

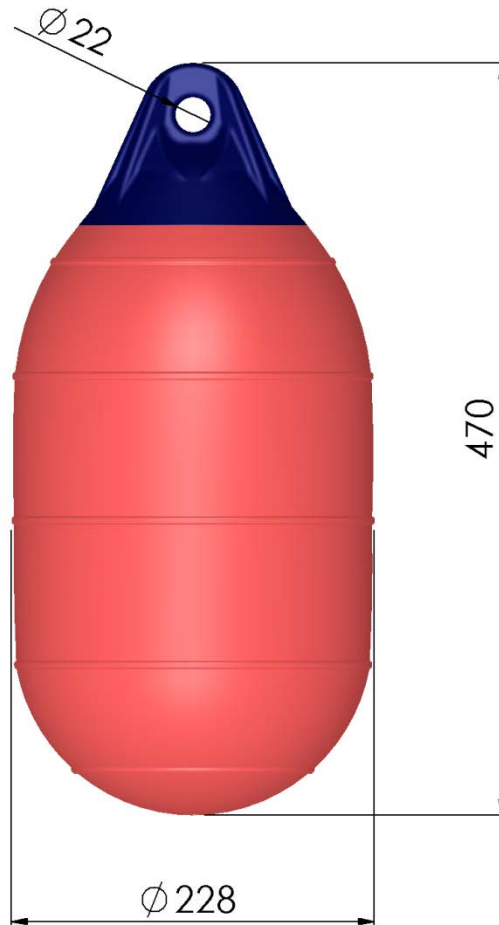
Polyform AS is a world leading manufacturer of buoys fenders and floats, and the originator of the modern inflatable plastic buoy. The company is registered in Norway and situated in Ålesund at the north-western coast of Norway, and benefits from being located in one of the world's most innovative maritime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



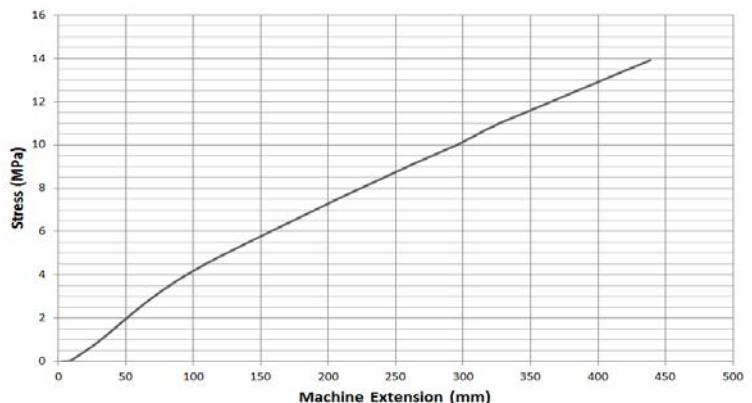
Article number	HL1
Diameter (max recommended)	228 mm
Height (max)	470 mm
Weight (nominal)	1,2 Kg
Eye diameter for ropehold	22 mm
Valve type	V10
Gross volume	12,5 L
Recommended max load	6,8 Kg

Technical information

Breaking load for ropehold	800 kp
Buoy body material description	
Hardness, shore A	66
Tensile strength	13,9 MPa
Elongation at break	587%
Cold flex temperature	-33°C
Recommended max temp.	40°C
Temp. not to be exceeded	50°C
Specific gravity	1,17
Body and Ropehold made from PVC.	
No use of CFC. Cadmium free.	
Made by Welcotec production technology	



Stress (MPa) PVC Material



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.