

Polyform® A0 Heavy Duty buoy



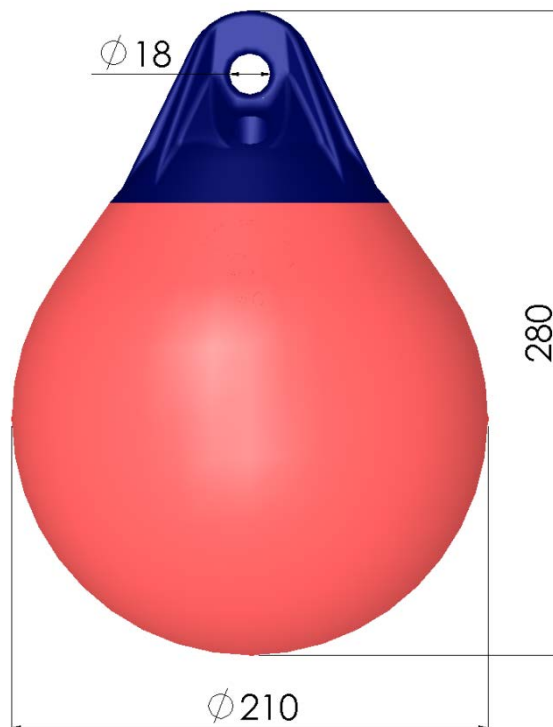
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The Originator of
Modern Plastic Buoys

POLYFORM® OF NORWAY

The POLYFORM® A-0 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 A-series are made from our unique blend of high class tough, flexible vinyl materials. The buoys are resistant to all weather conditions. The A-series 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.

Product information



Article number	A0
Diameter (max recommended)	210 mm
Height (max)	280 mm
Weight (nominal)	0,6 Kg
Eye diameter for ropehold	18 mm
Valve type	All plastic
Gross volume	5,7 L
Recommended max load	3,4 Kg

Technical information

Breaking load for ropehold	350 kp
Buoy body material description	
Hardness, shore A	60
Tensile strength	12 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
Buoy and Ropehold made from PVC. No use of CFC. Cadmium free.	
Made by Welcotec production technology	

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.

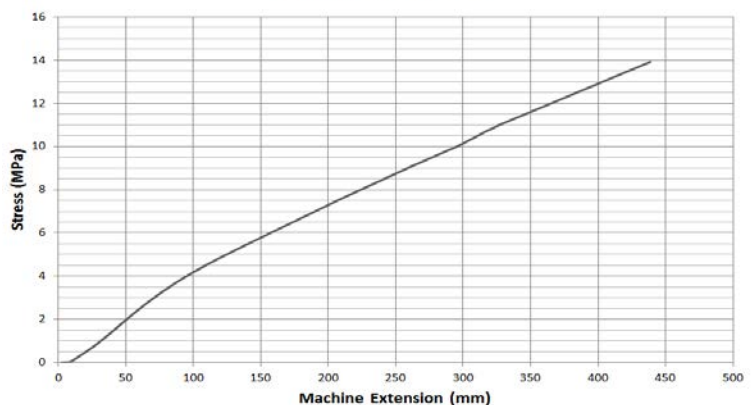
The product range of Polyform AS consists of:

- 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



V-10 all plastic non-return valve

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.

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Polyform® A1 Heavy Duty buoy



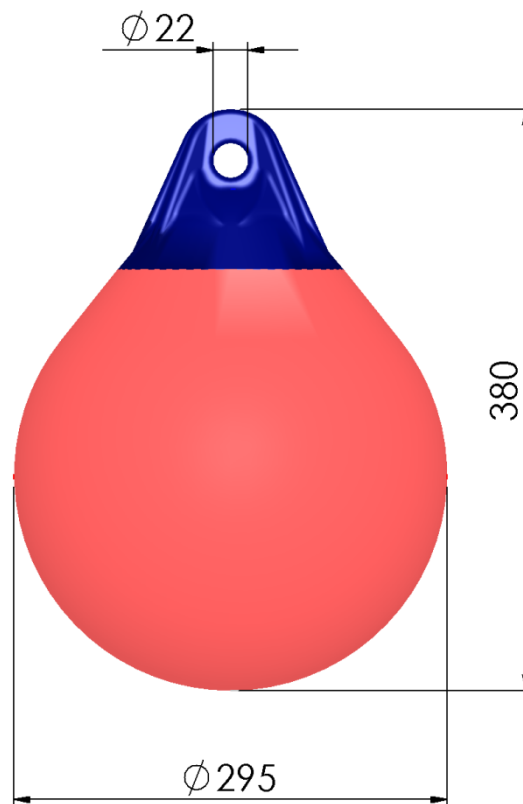
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POLYFORM® OF NORWAY

The POLYFORM® A-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 A-series are made from our unique blend of high class tough, flexible vinyl materials. The buoys are resistant to all weather conditions. The A-series 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.

Product information



Article number	A1
Diameter (max recommended)	295 mm
Height (max)	380 mm
Weight (nominal)	2,1 Kg
Eye diameter for ropehold	22 mm
Valve type	V10
Gross volume	13,0 L
Recommended max load	7,8 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
Buoy and Ropehold made from PVC.	
No use of CFC. Cadmium free.	
Made by Welcotec production technology	

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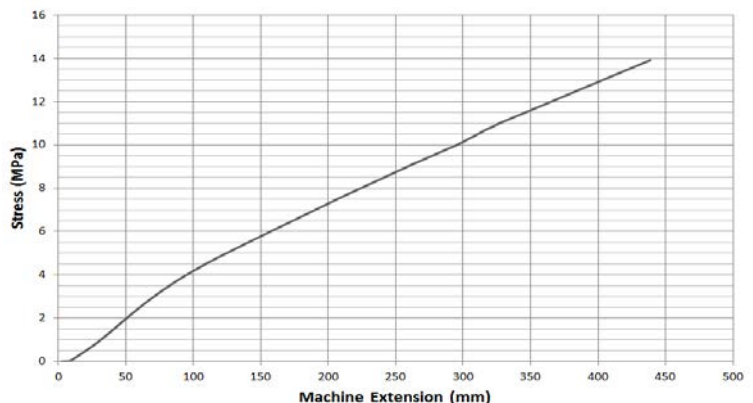
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- Inflatable buoys and fenders made from soft Vinyl plastics.
- Purse Seine Floats, buoys and marina fenders made from BACELL closed cell foam.
- Hard-shell buoys and pontoon floats made from PE and filled with foam



V-10 all plastic
non-return valve

Stress (MPa) PVC Material



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Polyform® A2 Heavy Duty buoy



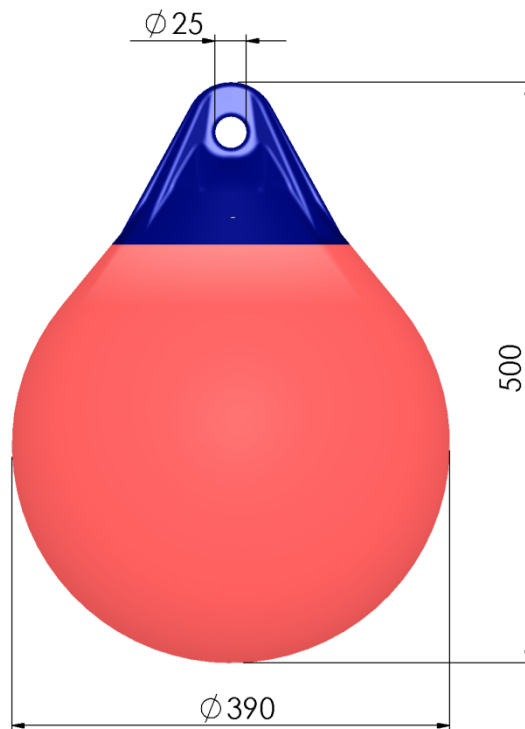
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POLYFORM® OF NORWAY

The POLYFORM® A-2 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 A-series are made from our unique blend of high class tough, flexible vinyl materials. The buoys are resistant to all weather conditions. The A-series 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.

Product information



Article number	A2
Diameter (max recommended)	390 mm
Height (max)	500 mm
Weight (nominal)	2,1 Kg
Eye diameter for ropehold	25 mm
Valve type	V10
Gross volume	32 L
Recommended max load	19,2 Kg

Technical information

Breaking load for ropehold	1100 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
Buoy and Ropehold made from PVC.	
No use of CFC. Cadmium free.	
Made by Welcotec production technology	



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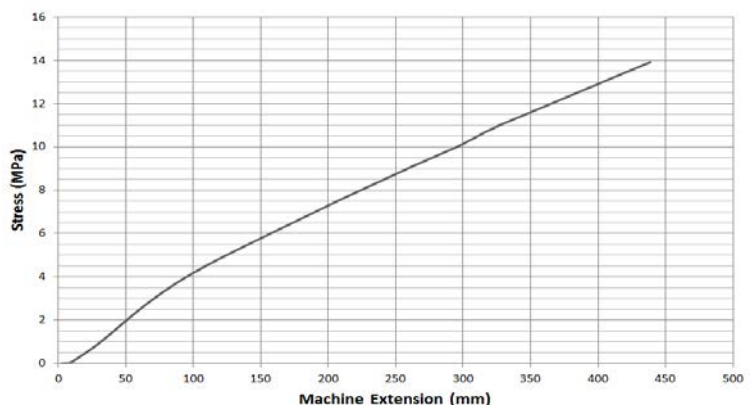
- Inflatable buoys and fenders made from soft Vinyl plastics.
- Purse Seine Floats, buoys and marina fenders made from BACELL closed cell foam.
- Hard-shell buoys and pontoon floats made from PE and filled with foam

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Stress (MPa) PVC Material



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Polyform® A3 Heavy Duty buoy



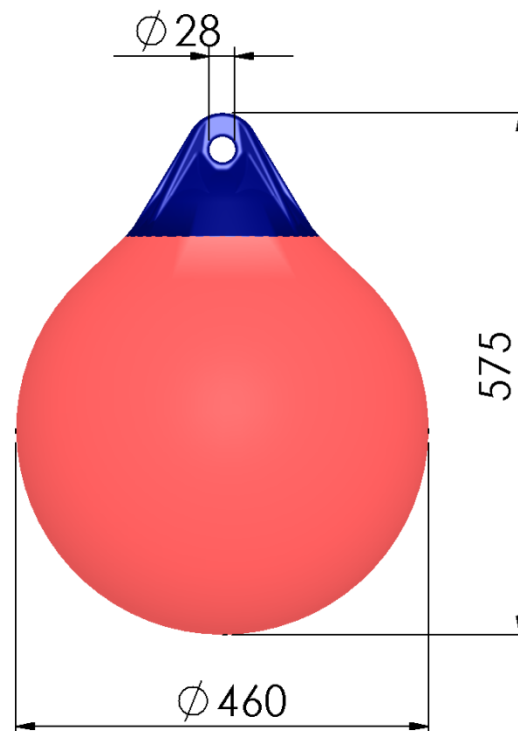
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POLYFORM® OF NORWAY

The POLYFORM® A-3 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 A-series are made from our unique blend of high class tough, flexible vinyl materials. The buoys are resistant to all weather conditions. The A-series 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.

Product information



Article number	A3
Diameter (max recommended)	460 mm
Height (max)	575 mm
Weight (nominal)	3,1 Kg
Eye diameter for ropehold	28 mm
Valve type	V10
Gross volume	52 L
Recommended max load	31 Kg

Technical information

Breaking load for ropehold	1400 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
Buoy and Ropehold made from PVC.	
No use of CFC. Cadmium free.	
Made by Welcotec production technology	



V-10 all plastic
non-return valve

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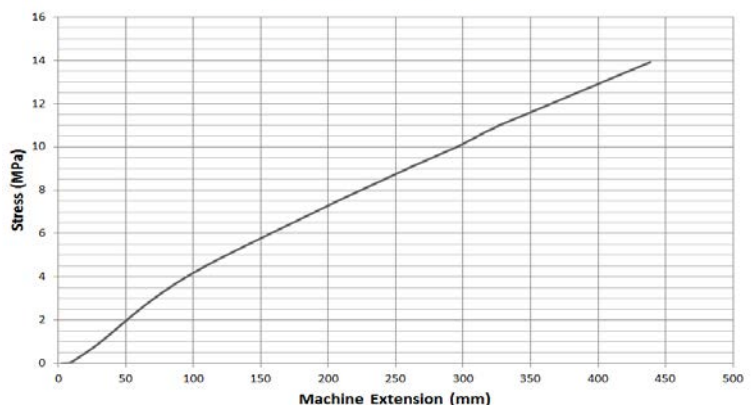
The product range of Polyform AS consists of:

- 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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Stress (MPa) PVC Material



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Polyform® A4 Heavy Duty buoy



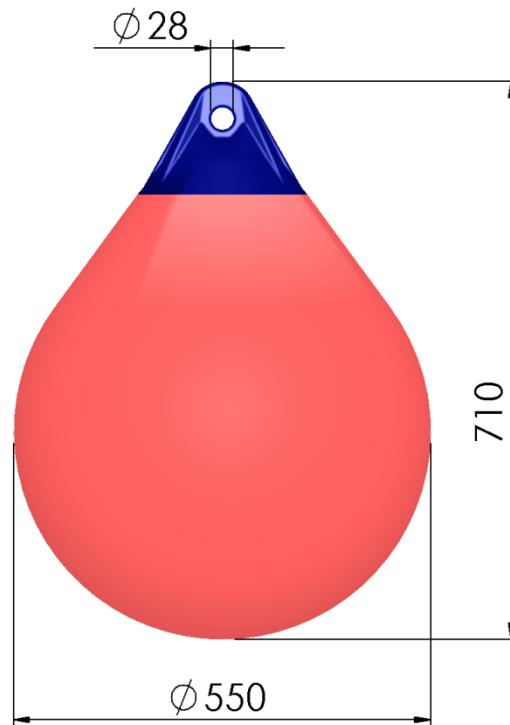
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POLYFORM® OF NORWAY

The POLYFORM® A-4 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 A-series are made from our unique blend of high class tough, flexible vinyl materials. The buoys are resistant to all weather conditions. The A-series 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.

Product information



Article number	A4
Diameter (max recommended)	550 mm
Height (max)	710 mm
Weight (nominal)	4,1 Kg
Eye diameter for ropehold	28 mm
Valve type	V10
Gross volume	90 L
Recommended max load	54 Kg

Technical information

Breaking load for ropehold	2000 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
Buoy and Ropehold made from PVC.	
No use of CFC. Cadmium free.	
Made by Welcotec production technology	



V-10 all plastic
non-return valve

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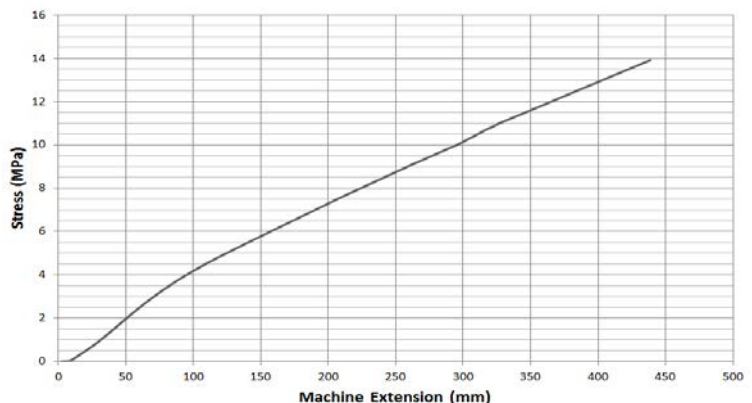
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- Purse Seine Floats, buoys and marina fenders made from BACELL closed cell foam.
- Hard-shell buoys and pontoon floats made from PE and filled with foam

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Polyform® A5 Heavy Duty buoy



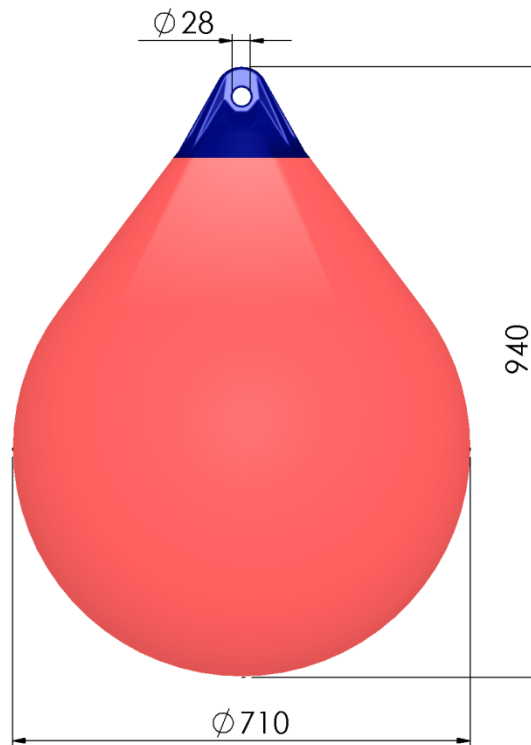
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POLYFORM® OF NORWAY

The POLYFORM® A-5 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 A-series are made from our unique blend of high class tough, flexible vinyl materials. The buoys are resistant to all weather conditions. The A-series 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.

Product information



Article number	A5
Diameter (max recommended)	710 mm
Height (max)	940 mm
Weight (nominal)	8,30 Kg
Eye diameter for ropehold	28 mm
Valve type	V10
Gross volume	215 L
Recommended max load	129 Kg

Technical information

Breaking load for ropehold	2000 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
Buoy and Ropehold made from PVC.	
No use of CFC. Cadmium free.	
Made by Welcotec production technology	

Polyform AS

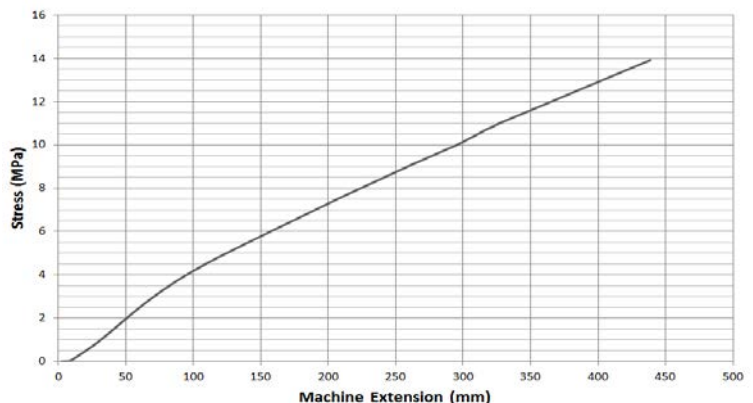
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- Hard-shell buoys and pontoon floats made from PE and filled with foam



Stress (MPa) PVC Material



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Polyform® A6 Heavy Duty buoy



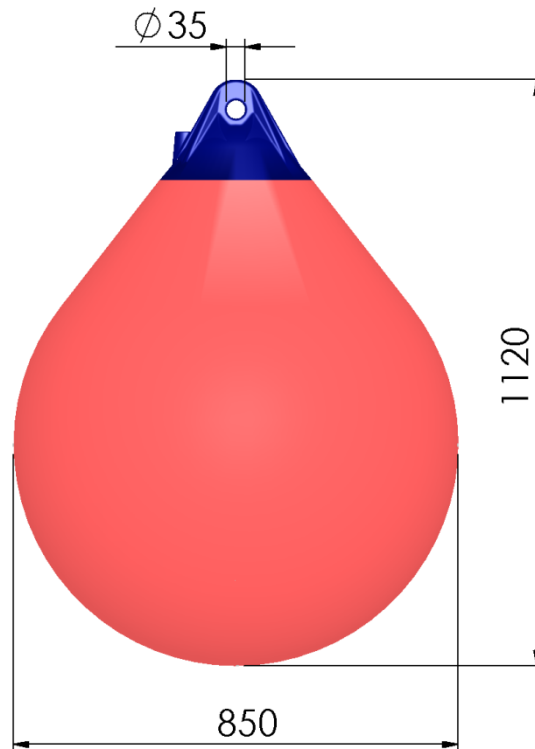
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POLYFORM® OF NORWAY

The POLYFORM® A-6 is a supreme heavy duty buoy made in one piece from our unique blend of high class materials. The A-series buoys are equipped with a rib-reinforced ropehold and are rotomolded from tough, flexible vinyl. The buoys are resistant to all weather conditions. The A-series 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.

Product information



Article number	A6
Diameter (max recommended)	850 mm
Height (max)	1120 mm
Weight (nominal)	11,3 Kg
Eye diameter for ropehold	35 mm
Valve type	V40
Gross volume	405 L
Recommended max load	243 Kg

Technical information

Breaking load for ropehold	1700 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
Buoy and Ropehold made from PVC.	
No use of CFC. Cadmium free.	

Polyform AS

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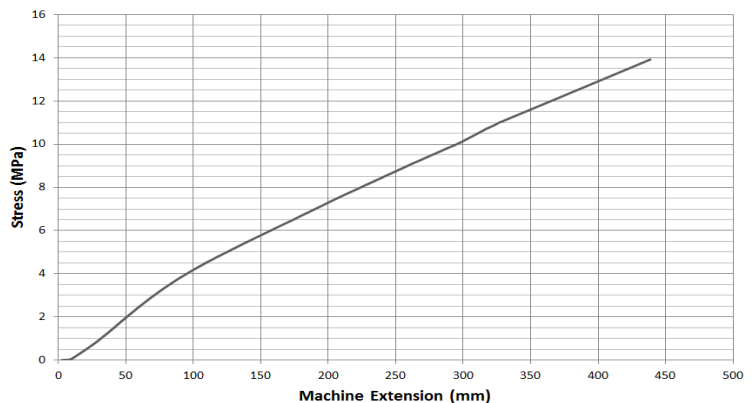
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V-40 all plastic valve

Stress (MPa) PVC Material



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Polyform® A7 Heavy Duty buoy



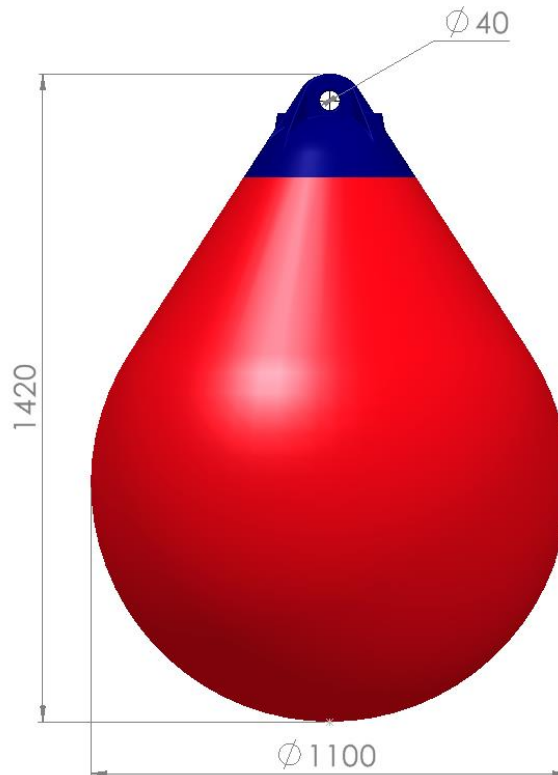
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POLYFORM® OF NORWAY

The POLYFORM® A-7 is a supreme heavy duty buoy made in one piece from our unique blend of high class materials. The A-series buoys are equipped with a rib-reinforced ropehold and are rotomolded from tough, flexible vinyl. The buoys are resistant to all weather conditions. The A-series 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.

Product information



Article number	A7
Diameter (max recommended)	1100 mm
Height (max)	1420 mm
Weight (nominal)	21 Kg
Eye diameter for ropehold	40 mm
Valve type	V40
Gross volume	670 L
Recommended max load	402 Kg

Technical information

Breaking load for ropehold	2400 kp
Buoy body material description	
Hardness, shore A	66
Tensile strength	13,7 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
Buoy and Ropehold made from PVC.	
No use of CFC. Cadmium free.	

Polyform AS

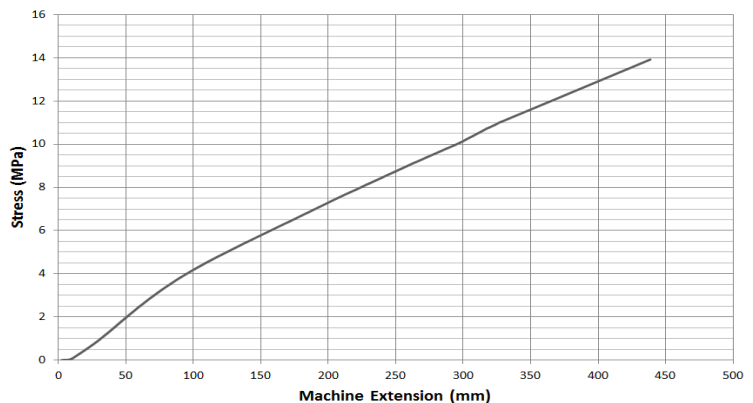
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