



**POP Fender GmbH**

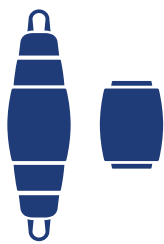
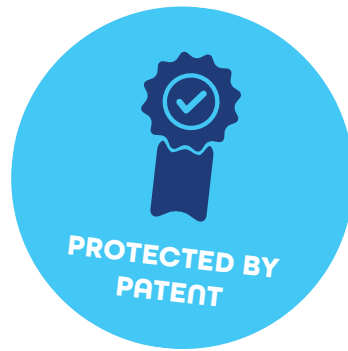
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# POP FENDER



Unique properties



**COMPACT**



**NON-TOXIC &  
RECYCLABLE**



**NO SQUEAKING**



**AVAILABLE IN  
MANY COLORS**



**LITTLE  
ABRASION**



**MAINTENANCE  
FREE**



**EASY TO  
CARE FOR**



**UNDERWATER  
USE**



**MADE IN  
GERMANY & AUSTRIA**

# PRODUCT

description



## POP Fender

Size when in use: ø165mm x 620mm

Stow size: ø165mm x 250mm

- Compact - telescopic on both sides from 620 to 250mm
- Non-toxic and recyclable
- Maintenance free
- Individual parts can be reordered if required
- No squeaking when in use
- Can be used under water
- Washable at 65° in the dishwasher
- Made in Germany & Austria
- Each POP Fender is oiled by hand with our care product and subject to a visual inspection before being sent to you!



**POP Fender is a telescoping boat fender for recreational boating. It doesn't need to be inflated and works like a spring.** The purpose of it is to protect against damage to the outer shell of a ship during port maneuvers, as well as when mooring at the quay wall, at jetties or in a parcel (ship to ship).

### What makes POP Fender so unique and special?

It is compact, non-toxic & recyclable and does not squeak. You can even choose your own color, streaks and discolorations are easy to remove. It is maintenance-free, easy to care for and can be used under water (for up to 3 days).

POP Fender has been tried and tested on inland waterways by a large number of amateur captains, who together can draw on over 300 years of experience.



### POP Fender contains no toxic PVC and no plasticizers that are harmful to the environment.

In order to maintain its technical and optical properties, we recommend regular surface care with the original POP Fender Premium care product, which helps to preserve the surface finish. The surface of the POP Fender is matt. Please note that the white POP Fenders require a lot of care – just like classic white fenders.

### Every single part of the POP Fender can be replaced individually and re-ordered at any time.

Traction tests have shown that when subjected to a linear load the POP Fender can sustain a traction load of over 200kg before the individual parts separate. The individual parts do not break in that process and can be reassembled afterwards. Details at: <https://popfender.com/instruction-manual/>

# PRODUCT

description



POP Fender is the widest in the middle with a diameter of 165mm. The telescopic area is between 250 and 620mm in length.

**POP Fender ø165 x 250/620mm has a net weight of 1.38kg.**

**POP Fender ø165 x 250/620mm is suitable for boats with a maximum mass of 3000kg.** It is at your discretion whether your circumstances meet the technical requirements.

## What material is POP Fender made of?

The basis for a high-quality product begins with the choice of materials. We had six materials from different manufacturers tested in the laboratory. Based on this knowledge, we decided to go with TPV SANTROPENE, which is also the most reputable. SANTROPENE's TPV has been tried and tested in the automotive industry for over 40 years. Features and characteristics of TPV SANTROPENE are:

- Application for sealing lines
- UV aging, ozone and weather resistance
- Chemical and oil resistance
- High resilience in a wide temperature range
- High bending fatigue strength
- High thermal and electrical insulation values
- Weight reduction through the redesign of components compared to thermoset rubber
- Colorability – metallic, photochromic/thermochromic effects
- Aesthetics – various options for finish, feel, and look
- Recyclable

Link for lab test pictures:

<https://popfender.com/instruction-manual/>

According to the manufacturer, the material TPV is suitable for temperatures ranging from -60°C to +135°C, depending on the type and duration of exposure, and has been tried and tested in the automotive industry.

We guarantee a range of use from -10°C to +70°C.

## Is POP Fender suitable for my boat?

We recommend the same handling as with classic fenders. There is a summary below ("Number of fenders according to boat length") which can be used as a guide.

Please note that none of the other suppliers list a corresponding boat weight, however we do.

Reference	Boat length	Diameter	No. of fenders
Orange navy	6-8m	120-200mm	8
12 nautical miles	6.1-7.6m	150-170mm	6
SVB	up to 10m	–	6
POP Fender	up to 3000kg		4-8

Many of our customers use the POP Fender ø165 x 250/620mm on much heavier boats – particularly in areas where a small fender is sufficient. In these instances it is up to your judgment to decide for yourself whether the POP Fender is sufficient to ensure safety.



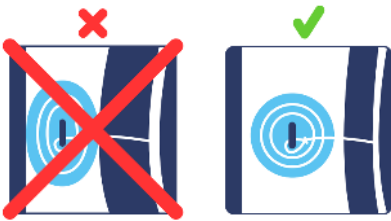
# PRODUCT

description



**Please note that POP Fender, just like classic fenders, must not be pinched when mooring.**

The fenders need some leeway to ensure their function, only then can POP Fender work like a spring. A stuck boat cannot absorb energy in case of extreme winds combined with tidal ranges or when another boat touches up. The damage will be much greater in this case compared to there being some space between the fenders.



As with classic fenders, you should not position POP Fenders in places where plastic film – for whatever reason – is attached to the hull. Rays of sunlight can heat up this film, which can then result in being rubbed off by the fender.

**Like conventional fenders, the POP fender is not a swimming aid and therefore cannot be used as a life buoy. It is also not a water toy for children.**

Generally, POP Fender is resistant to a large number of solvents and chemicals. POP Fender is very difficult to dissolve in common solvents. Nevertheless, we ask you to check tolerance on the inner surface first.

It is recommended to use the included bag for storing the collapsed POP Fender.

**POP Fender is delivered in environmentally friendly packaging and the included storage bag can be used for all kinds of purposes.**

Improper use and handling releases POP Fender GmbH from any guarantee obligation. In the case of improper use, there is no liability claim against POP Fender GmbH.

**Each individual POP Fender is subject to strict quality control.** However, should you have reason for complaint, please let us know. We are committed to find a solution and continually strive to improve our product.



**POP Fender should be disassembled and cleaned annually!**

Please refer to the following video link for instructions: <https://popfender.com/instruction-manual/>

Coarse stains or dirt have to be removed by hand before placing the POP Fender in the dishwasher at up to 65°C. Use commercially available detergents or tabs. For details, please refer to: <https://popfender.com/instruction-manual/>

You can also use very fine sandpaper (grain=220) to remove very coarse streaks, scratches and discolorations by sanding them lightly beforehand.

Air drying is recommended after cleaning in the dishwasher. POP Fender is not suitable for drying in a microwave oven, in a tumble dryer or similar. After cleaning, we recommend impregnating the fender with our care product which can be purchased in our web shop. This will noticeably extend the life of your POP Fender.

