

SAIL PROTECTOR

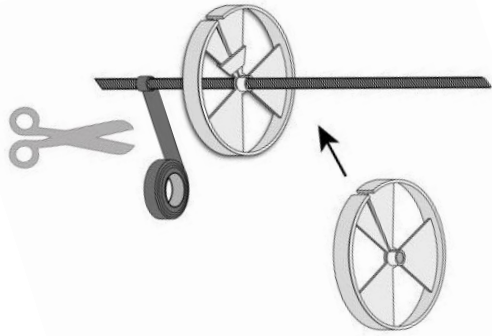




THE PROBLEM

The sudden change in the sail's position, when exceeding the deck limits, can exert constant and/or variable pressures (and/or impact forces) on the safety line and/or rigging, causing wear and potential tears in the sail.

Most products on the market do not provide a 100% effective or reliable solution, as they are not fixed to the cable and are often of low manufacturing quality.



LIMITED LIFESPAN

Eventually detaching from the cable, they leave the sail unprotected exactly when it is most needed. This is due to high-volume production, where reduced construction quality (and aesthetic appearance) makes them susceptible to deterioration and breakage from diagonal forces exerted by the sail.

ECOLOGICAL PROBLEM

Their detachment and subsequent fall into the sea increase marine pollution, generating waste and microplastics.

DIFFICULTY

Difficulty in assembly and disassembly: Some even require loosening and dismantling the entire lifeline along the boat to be mounted.

COMPLEXITY

Complex systems and excess material: Those that do allow attachment along the cable use mechanical fastenings (cable clamps), one on each side of the wheel. This type, besides being costly and complicating installation (and removal), increases the risk of sail damage. Additionally, they generate an undesirable volume of material (and therefore weight) in high-level competitions, increasing aerodynamic drag and creating an aesthetic that does not match superyacht standards.



THE SOLUTION

Rotating sail protector for rigging and lifelines, with a hidden central fixation and rotation axis.

- For recreational and/or competitive use on yachts and superyachts.
- Different models adapt to any diameter, from 4 mm up to 60 mm and beyond.
- Ideal for any forward sail: jibs, spinnakers, gennakers, staysails, and stay or backstay sails.



FIXED ROTATION

Remains fixed in its ideal position, never moving.

EASY TO ASSEMBLE

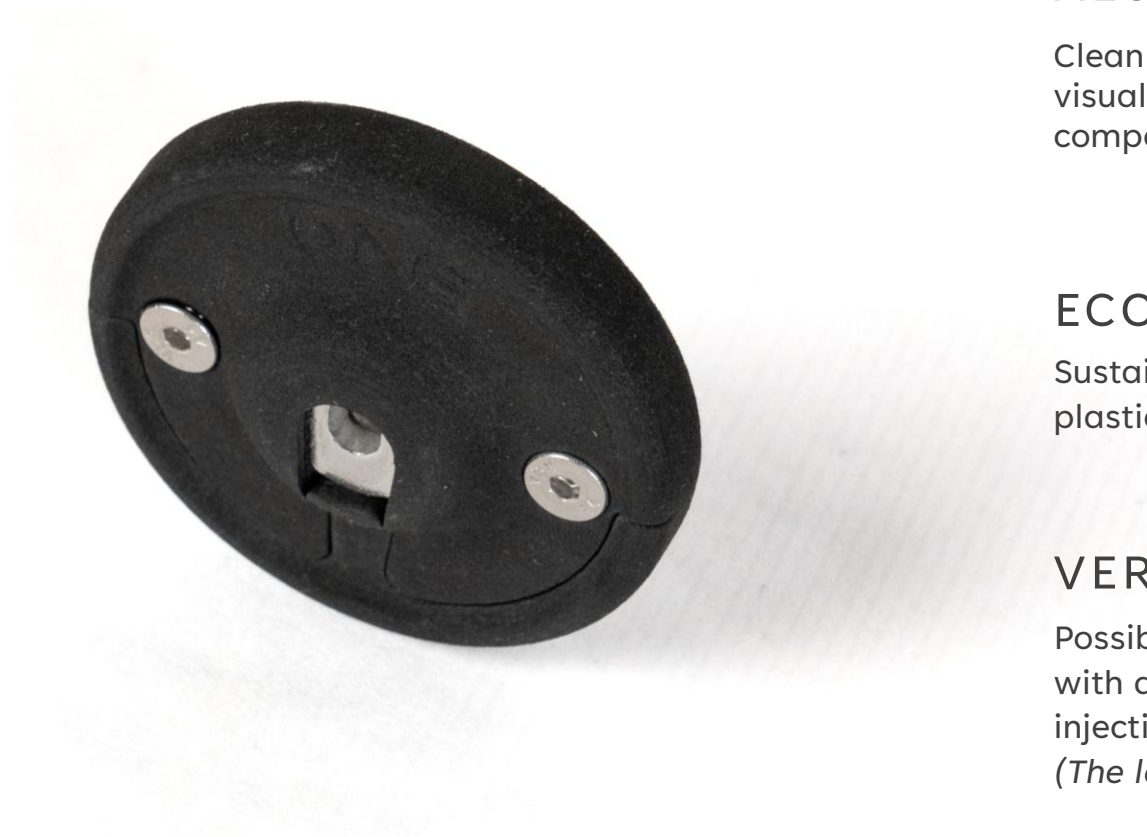
Independent management of its position along the entire boat (without relying on stanchion placement).

SOLID

Increased stability and rotational balance thanks to its fixed central axis, creating a solid and compact system that provides greater resistance to diagonal impacts.

EFFICIENCY

Homogeneous and minimalist morphology, reducing material use and minimizing space on the lifeline.



AESTHETICS

Clean and elegant aesthetics, in line with the visual standards of high-end recreational and competitive superyachts.

ECO FRIENDLY

Sustainable and durable. Built from recycled plastic. UV Resistent.

VERSATILE

Possibility of production using various technologies with different carbon footprints: CNC machining, injection molding, FDM 3D printing.

(The last two methods produce zero waste)



Lifetime Quality





TECHNICAL INFORMATION



- Cable diameter: from 4 mm up to 60 mm and beyond.
- Unit weight: 65 g per piece.
- Pack options: 2, 4, 6, and 8 units.
- Minimum working load: 200 kg axial compression.
- Total corrosion resistance.
- Recycled materials.
- Manufacturing method: 3D printing – Fused Deposition Modeling (FDM).
- Included parts:
 - 2 plastic pieces
 - Central fixing piece in A4 stainless steel
 - Countersunk M5 fixing screws in A4 stainless steel

ONE HARDWARE PHILOSOPHY

It all begins with our pursuit of applying new technologies to solve old problems.

“In the development of products for superyachts, beyond respecting the elegance and distinction that define the sector, we consider it essential to constantly rethink ideas and explore new functions and technical applications that deliver real value. However, for us, a product is not limited to its function or appearance: it must also provide a user experience that conveys trust, quality, and sensitivity in every detail.”



Our values: What do we stand for?



- Technological development and innovation (techniques and materials)



- High-performance engineering



- Zero obsolescence, products built to last. Designed as modular systems with replaceable parts



- Environmental responsibility.



- Special attention to aesthetics and details



Innovation you can trust