



# FLUX<sub>V1</sub>

DON'T GET LEFT BEHIND!

**OZONE**<sup>®</sup>

# FLUX<sub>v1</sub>

**Flying fast, bred to shred and toned and tough from tip-to-tip, the all new Flux V1 has been designed by perfectly orienting proven, cutting edge materials to deliver extreme aerodynamic performance with a huge sweet spot.**

We knew it was time to throw everything into developing a wing to deliver the type of true high-performance that matters to most wingers; speed and control, because every aspect of your own performance stems from there.

- Sensational air speed and immense power management
- Drastically reduced drag improves all areas of performance
- Super-direct connection via ergonomic carbon fibre handles with EVA grip
- High-aspect-ratio design with swept-leading edge planform for incredible glide
- Exotically featured, material enriched, super-fast and fun



**After almost 80 prototypes, the Flux flies faster than any wing  
we've ever made.**

Not only does it create more immediate power, but the Flux's precisely tightened canopy structure can now hold and manage far more wind. Load it up and the Flux will keep its shape and create more usable power instead of deforming.





# MADE FOR THIS: IT'S TIME TO GET BETTER AT EVERYTHING

**The Flux V1 features more panels than any other wing in our range to help reach the ideal load bearing structure and a super tight canopy for next level handling.**

Ride with the type of freedom that's only possible when you drastically reduce the feeling of drag in a wing. Maintain a comfortable riding position while the Flux automatically shifts seamlessly through its gears; accelerating harder through the wind to allow you to push your limits beyond expectation.

Add in the super-connected handling feel and then get ready to enjoy mind-altering sessions.



“The Flux is better for all types of riding that I do. The stability and rigidity of the sail shape along with reduced drag provide obvious performance benefits when riding with power from the wing, but the improvement is just as noticeable during transitions and when flagged out wave riding ”

*JOHNNY HEINEKEN, DOUBLE KITE RACING WORLD CHAMPION & PACIFIC COAST  
WINGFOIL CHAMPION 2023*



## 'FLUX' (N).

**1: Continuous movement and change**

**2: The action or process of flowing**

# WHEN PERFORMANCE IS PARAMOUNT – ENTER THE FLUX

The aim was to design a product to fuel riders' confidence levels in stronger conditions, but the Flux goes far beyond that; it delivers an entirely new sense of connection so you can engage more completely with the wind at both ends of its strength spectrum.

The capacity of this wing is almost endless by today's standards. You simply have to experience how it continues to hold and process more and more power, opening up your riding potential beyond comparison.

The Flux is for riders who want to get up to blistering speeds and enjoy staggering aerodynamic performance, for jumping, carving, wave riding, racing and everything in between.

# BLEND PERFORMANCE ZONES

**Our aim with every product is to make them fly as efficiently as possible but not at the expense of balancing the belief that our customers should be buying the best made product possible.**

Having 100% access to Ozone's own factory gives our designers a unique advantage when it comes to understanding material application. For a super high performance model like the Flux, it's not only the materials themselves, but the intricate positioning and then handmade craftsmanship by our expert team of sewers that are key to the Flux's superior aerodynamic handling.

While much of the design journey through the 80+ prototypes was about finding the magic point at which all these elements work in harmony, there are five features that really supercharge the handling in the Flux and help create its bigger sweet spot, starting with the pre-loaded leading edge...





## PRE-LOADED LEADING EDGE

**Say goodbye to baggy canopy cloth and hello to more performance and a longer lasting shape.**

Using a performance Dacron material that is rigid and strong has allowed our designers to pre-load the leading edge and shape it to experience drastically less deformation under load.

Combined with optimised sail shaping and horizontal panels for a tighter canopy, the Flux delivers huge aerodynamic performance gains.





“ We have developed a new way to add tension to the leading edge. When we then put the sail on to the leading edge it transfers the tension into the sail, making it tight and clean. When we finally cracked that part of the puzzle, it was a major breakthrough in controlling the sail though the angle of attack range. You can, of course, have too much tension leading to deformation, it's a fine balance.”

*DOM ZIMMERMANN, CO-DESIGNER*



“ When a wing luffs too much it can push down and impact your technique. The canopy is very clean and taut on the Flux. During the later R&D stages we knew we were closing in on our goal of making a wing that is rigid, tight and clean, to be as smooth and predictable as possible during all manoeuvres ”

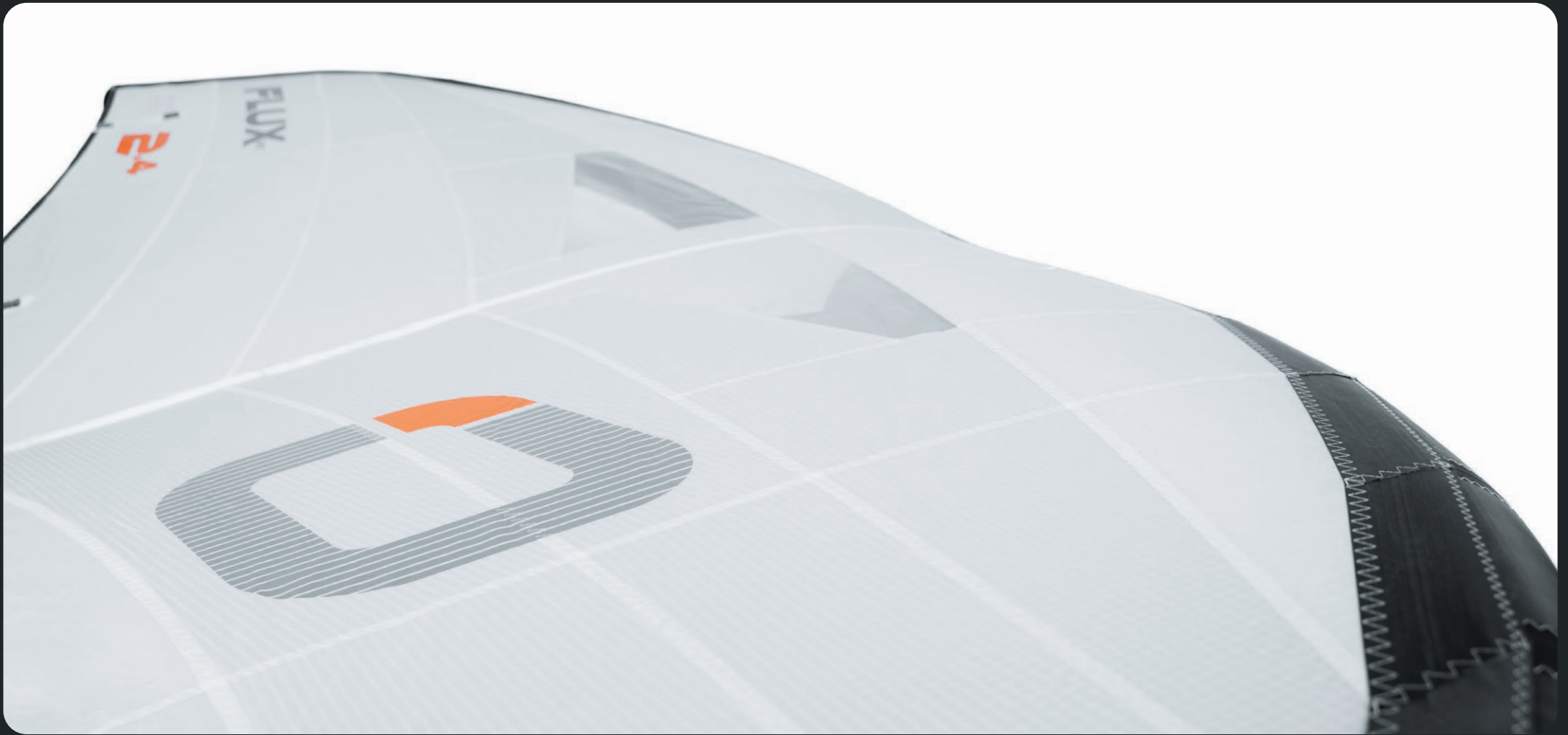
*TORRIN BRIGHT, PRODUCT MANAGER AND TEST RIDER*



## 20% LIGHTER AND STIFFER PERFORMANCE DACRON

**The 125g performance Dacron of the leading edge is also used in the strut and further accentuates the superb rigidity in the frame. In combination with the new rigid handles the connection levels feel like you're part of the wind!**

Buckling under pressure is now far less of a concern and the Flux's pre-loaded leading edge and stiffened strut work sublimely well in partnership with the other design features. A new, bigger sweet spot in handling will allow you to find more control in stronger conditions, point higher into the wind, reach higher speeds and also pump with greater efficiency, which makes the wing's bottom end even more potent.



## MULTIPLIED SEAM STRENGTH AND CLEANER AERODYNAMICS

**The leading edge features a high cell count which creates a more perfectly curved shape, resulting in a purer aerofoil.**

The Flux is also designed with many more horizontal panels in the sail itself, distributing the load better along the warp of the fabric. From strut to tip, each seam creates a stronger line connection in the sail and takes more of the load, reducing canopy stretch.

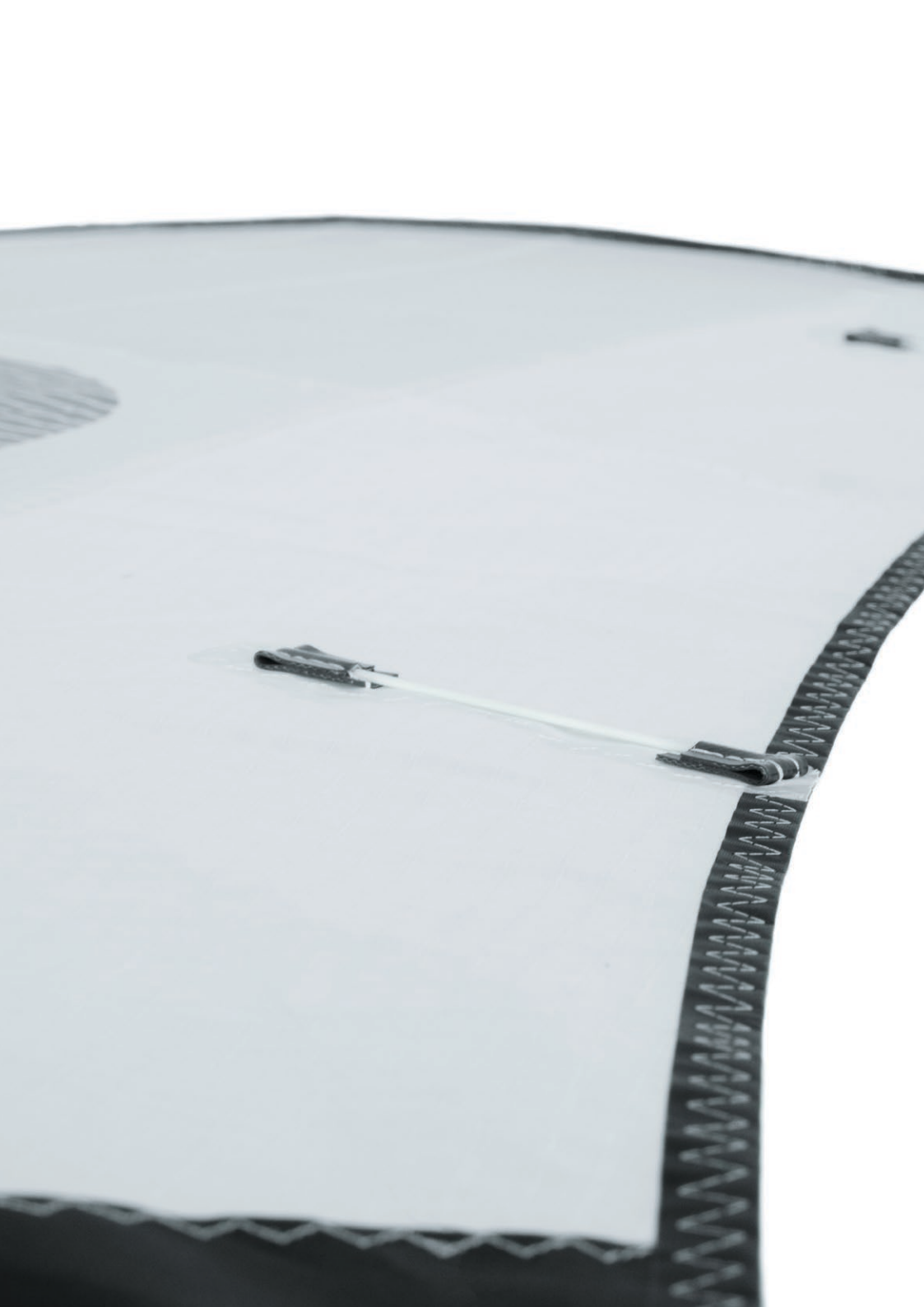
We build natural strength into our products and therefore, more often than not, you'll find our designs are lighter than even our competitors' 'exclusive' reduced weight designs. Read more on page 18.

# CARBON FIBRE HANDLES WITH EVA GRIP

**Ergonomically angled front and back carbon fibre handles with EVA grip provide maximum control and comfort with incredible feel and response.**

The front handle mount features a soft bumper to protect your head and board during water starts.





# FORCE FIELD PERIMETER = PRIME PERFORMANCE FOR LONGER

**Positioned specifically where canopy loads are greatest, a new, stronger canopy material on the leading and trailing edges provides a force field shield around the central mainsail section.**

Channelling greater forces and helping to create a cleaner foil, further advantages are the reduced stretch and the fact that the Flux will maintain a better wing shape over its lifespan.

# WHAT YOU FEEL:

- Secure, in control, and ready to push it!
- Big wind range! Very good power generation in light wind conditions while being easy to handle in high winds
- Less drag and better stability for over-head manoeuvres such as tacks and gybes
- Excellent back-winging ability due to tight sail
- Excellent racing performance; fast, powerful, max upwind and downwind angles
- Good jumping performance with excellent speed and power into the boost and lift on the glide down
- Super stable with low drag for wave riding
- Higher performance, less physical demands





# WHY YOU FEEL IT:

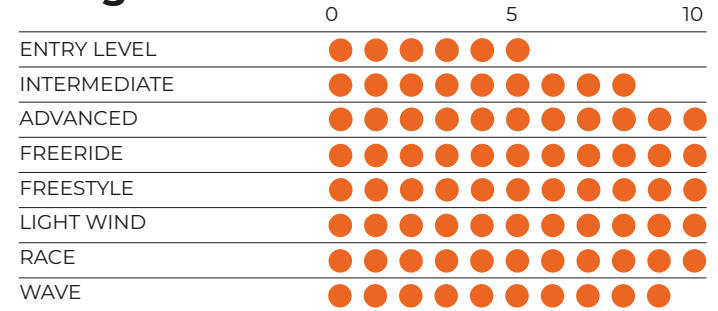
- High Aspect ratio design with swept leading edge planform
- Reduced span in the larger sizes to keep wing tips from interfering with water surface
- Pre-loaded leading edge with optimised sail shaping for a tighter canopy
- Horizontal canopy panels and adjoining seams optimise load distribution through warp and weft of the material, improving feeling and reducing material stretch
- New, stronger canopy material used along the leading and trailing edge to reduce canopy stretch which results in a better shape of the wing over its lifespan
- Optimised window position for yours and other riders' safety
- The leading edge and strut are made from a performance Dacron that's 20% lighter than conventional Dacron
- Ergonomically angled, rigid carbon handles with EVA grip
- Soft bumper on front handle mount to protect your board and head
- Knuckle-guard on leading edge de-power/surf handle
- Lightweight anti-flap fibreglass battens reduce canopy flutter on trailing edge



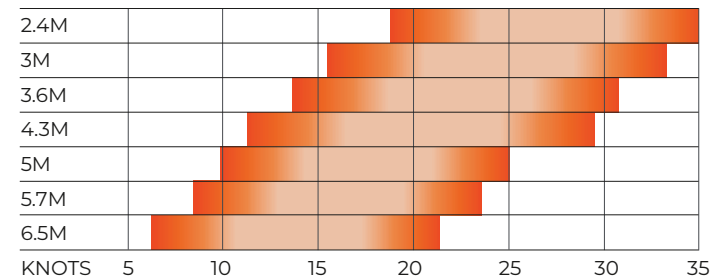


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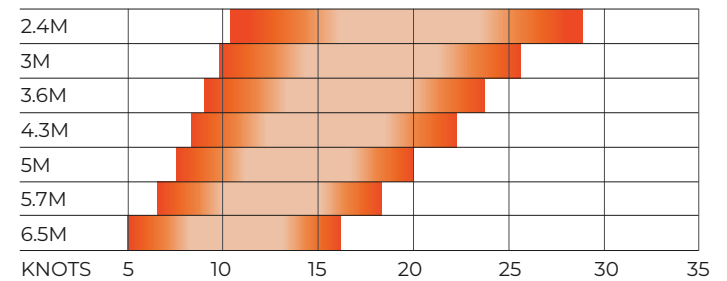
## Range of Use:



## Wind Range Water:



## Wind Range Land:



■ SWEET SPOT ■ INTERMEDIATE TO ADVANCED ■ ADVANCED

Wind range is indicative only based on an average rider weight of 80kg. Actual range will vary based on rider skill level and type of board/foil/skis used.



**At Ozone we have always believed in designing lightness and strength into our paragliders, kites and now wings, to be as efficient in flight as possible.**

Naturally, the lighter the wing is, the better it will fly. The stronger it is, the longer its performance will last.

We avoid adding surplus features or unnecessary cosmetic items to our designs and use top of the line materials put through a rigorous testing programme.

If you compare the weights of any Ozone kite or wing against the most dedicated light weight specific products produced by our competitors, you'll see that all our products are just born light. Even on our entry level designs we don't compromise the handling benefits that airborne products undoubtedly have through being lighter.

Combined with cutting edge manufacturing and highly skilled craftspeople our designs are Born Light; Genetically Strong.

Technical, performant, durable and efficient - the lightness and strength is built in.

Find out more about the Ozone factory at [ozonekites.com/about-ozone/](https://www.ozonekites.com/about-ozone/)



INSPIRED

BY NATURE 

DRIVEN

BY THE ELEMENTS

