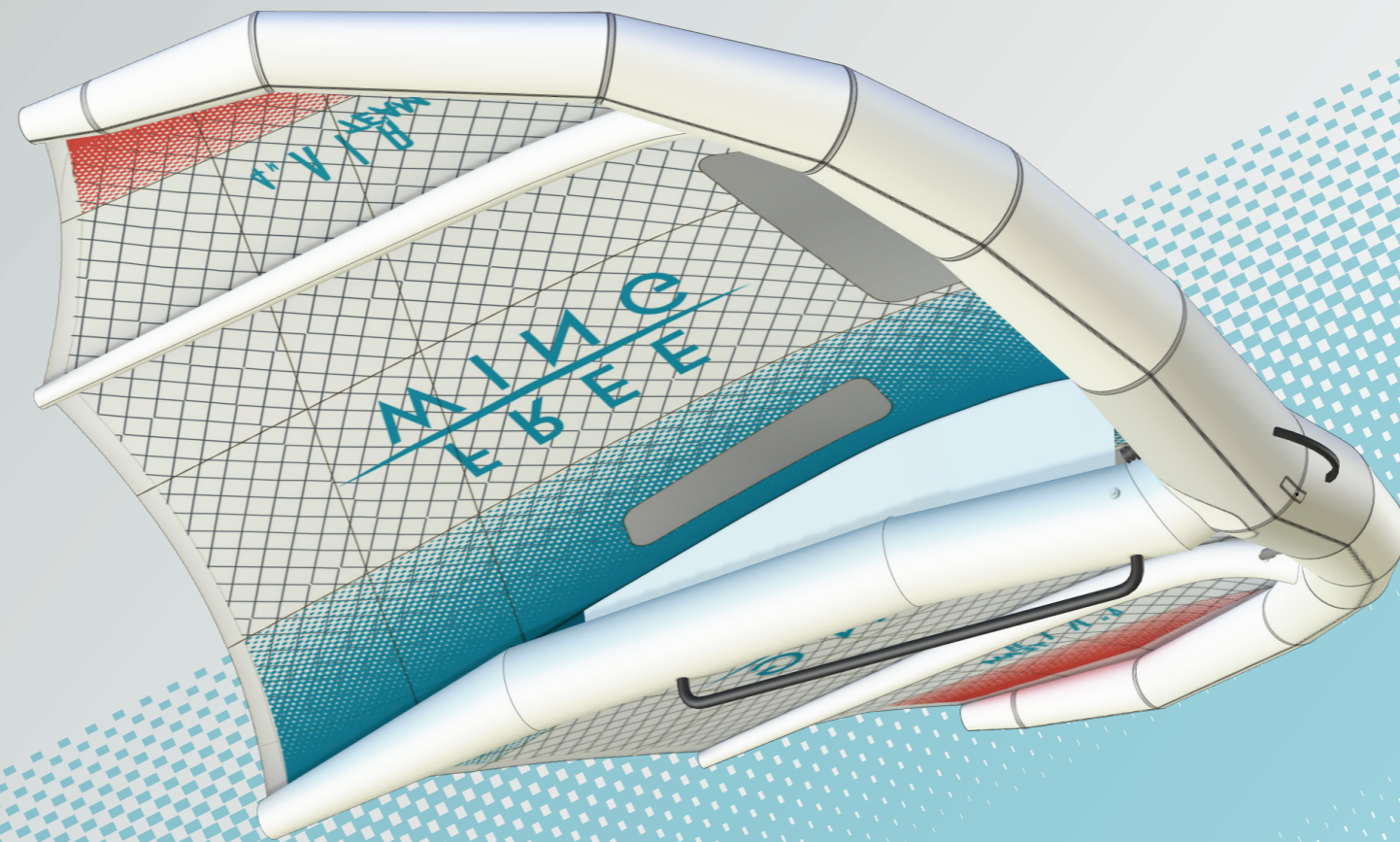
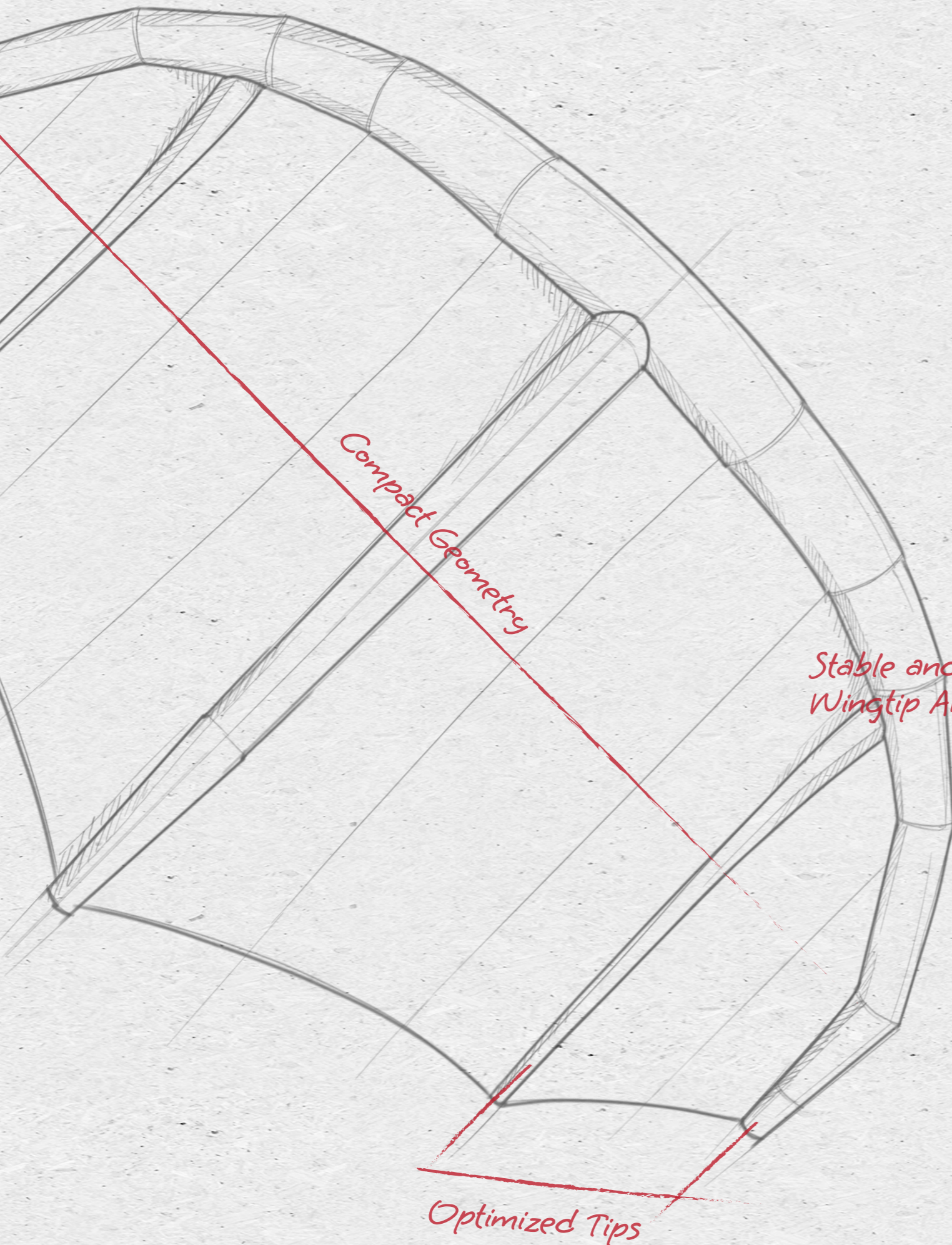


# FREE WING



AIR  
TEAM  
LIGHT WIND

PROVISIONAL PRODUCT GUIDE



# AIR TEAM LIGHT WIND

## FEATHER WEIGHT PERFORMANCE

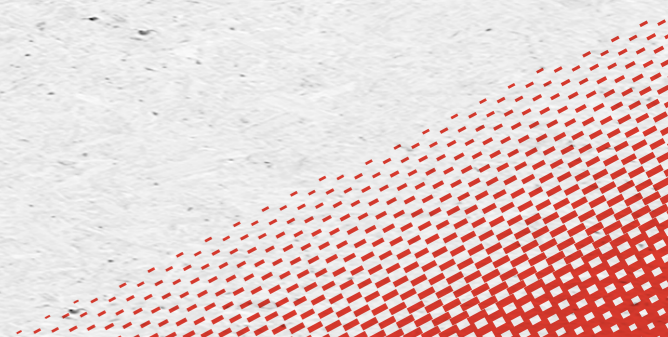
Armed with the game-changing three-strut design, the AIR Team Light Wind (LW) reigns supreme as the ultimate light-wind wing generating generous low-end power even in the lightest breeze.

Utilising premium materials and cutting-edge technologies, the AIR Team LW boasts a distinctive blend of outstanding light wind performance, responsiveness, lightweight design, and exceptional durability.

### COMPACT GEOMETRY THREE STRUT

The compact three-strut geometry creates a unique shape that manages the overall area of the wing, by limiting the overall span required and reducing the area in the rear of the wing tip when the wing is in low wind "glide" mode.

The shaped wingtip area generates substantial low-end power at low speed and increased stability in higher winds."



- PREMIUM COMPACT 3 STRUT LIGHT-WIND WING
- STIFF AND LIGHTWEIGHT ALUULA AERIS AIRFRAME
- EXCLUSIVE ULTRA X CANOPY



**NEW EXCLUSIVE ULTRA X CANOPY**

Next-generation canopy development features a traditional woven canopy enhanced with an ultra-light PE mesh to carry the primary load. More performance, more durability, lighter weight.



**NEW ULTRALIGHT ALUULA AERIS AIRFRAME**

An even lighter ALUULA: Aeris composite combines the unmatched strength-to-weight performance of the ALUULA Core with the toughest and strongest ultralight films available, resulting in a lightweight recycle-ready material with unrivalled strength, tear and abrasion characteristics.

**NEW GRADIENT LOAD LEADING EDGE**

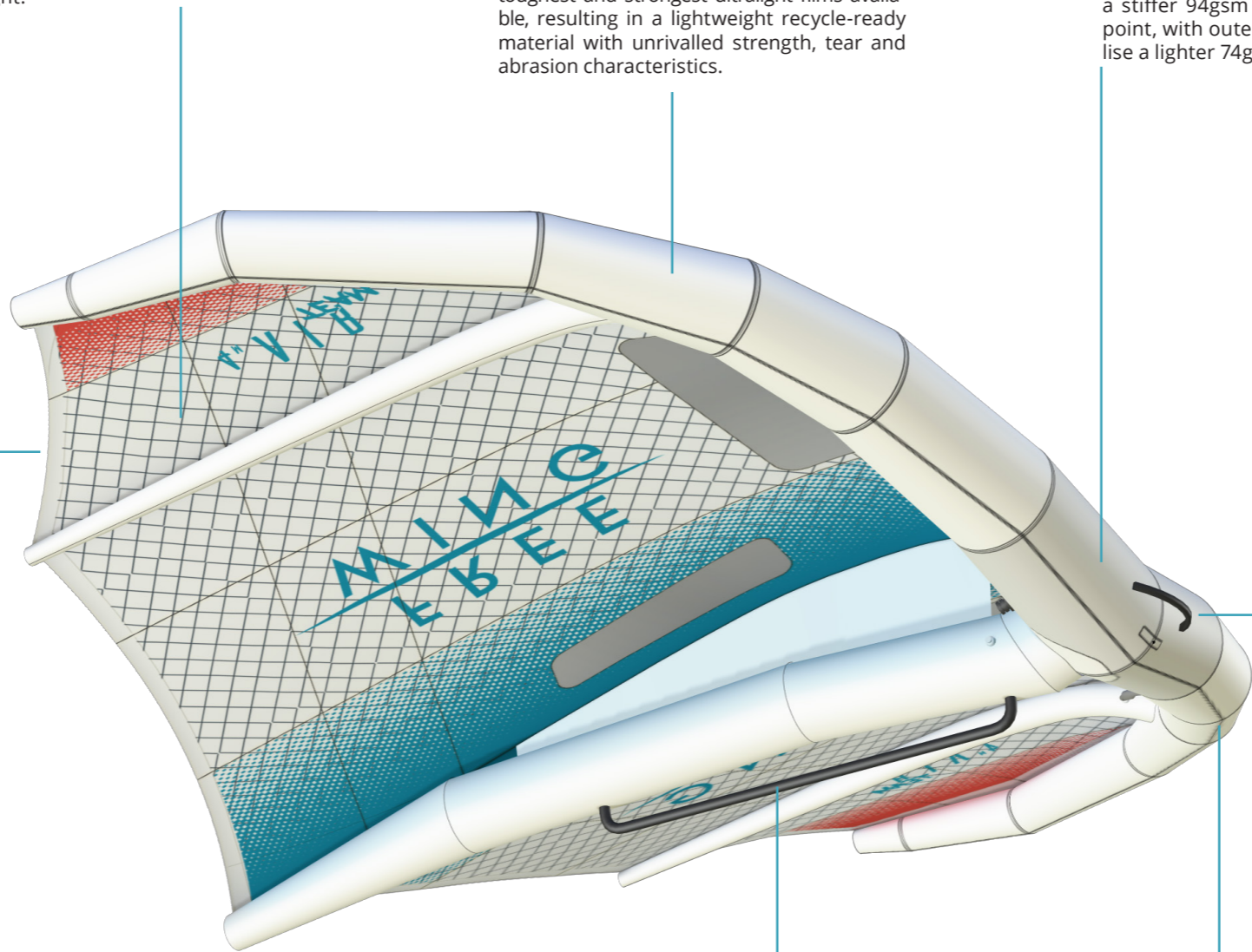
The Leading Edge is comprised of two-stage ultra PE supercharged Aeris weight materials to optimise lower overall weight, whilst maintaining stiffness. Center segments feature a stiffer 94gsm Aeris for a solid mounting point, with outer LE sections and struts utilise a lighter 74gsm Aeris for weight saving.

**NEW THREE STRUT DESIGN**

Three strut configuration stabilizes the additional area in the wingtips and allows adding more surface into a given wingspan to create a lower aspect wing. Additionally the wingtip struts stabilize the canopy for increased top end speed.

**NEW REMOVABLE/ REPLACABLE FRONT HANDLE**

We continue with our class-leading front handle design with generous space and comfort. Utilising the technology from our Firm Flex handles, it is designed to be stiff and responsive, ensuring maximum wing control when flagged out. You can even opt to connect a hard handle or remove the front handle entirely if it's not needed, reducing weight and enhancing airflow over the leading edge.



**PRE-PREG CARBON BOOM**

Shipping standard with our new one-piece Pre-Preg Carbon Boom and featuring the innovative Modular Handle System technology, the AIR Team LW can be configured in multiple options to suit a riders' personal preference.

Aftermarket options:  
Firm-Flex Grip Handle 110 gram  
Alu Ultra Grip Handle 150 gram

**NEW SUPER COMPACT GEOMETRY**

Attaining a low aspect wing ratio is key to preventing wingtips touching water while achieving greater effective surface area. Together with short strut for compact power balance makes the wing more manageable to at take off and pumping to getting onto foil.

- PREMIUM COMPACT 3 STRUT LIGHT-WIND WING
- STIFF AND LIGHTWEIGHT ALUULA AERIS AIRFRAME
- EXCLUSIVE ULTRA X CANOPY
- STANDARD WITH PRE-PREG CARBON BOOM

**NEW BALANCED POWER DELIVERY**

Powerful shaping in the center of the canopy creates early drive, while the combination of the Ultra X canopy and Aluula Aeris Airframe maintain maximum stiffness, comfort and stability enhancing low wind and high wind performance.

**LIGHTWEIGHT MINI BATTENS**

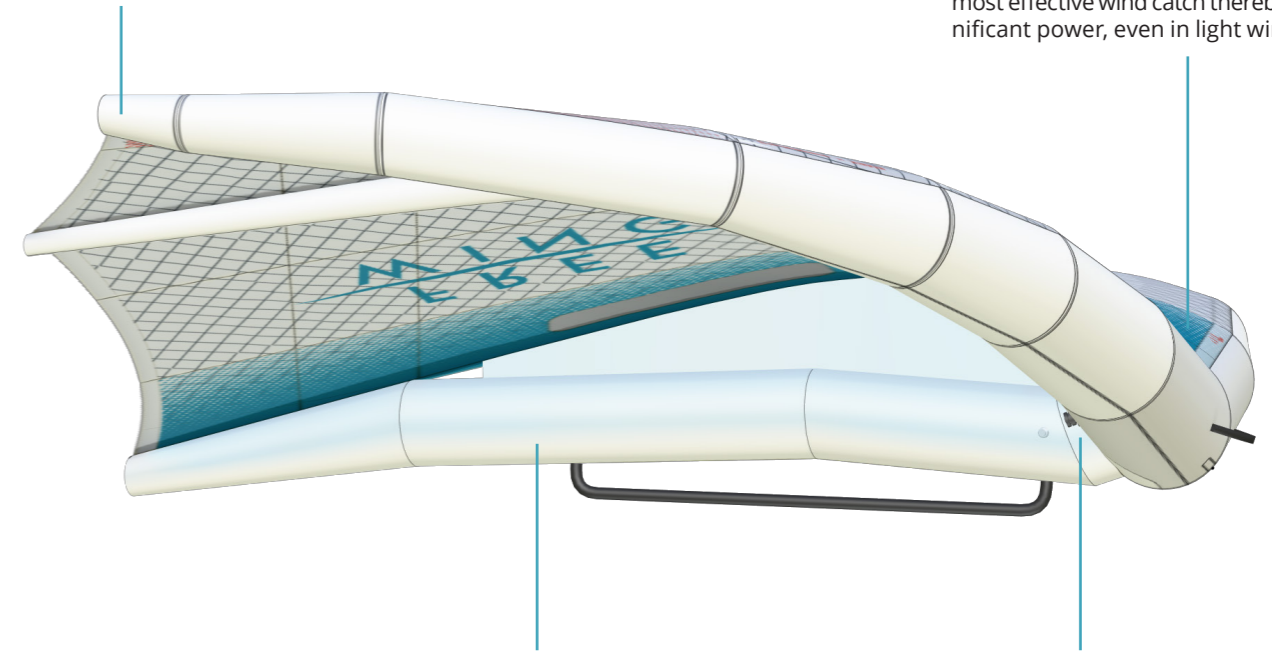
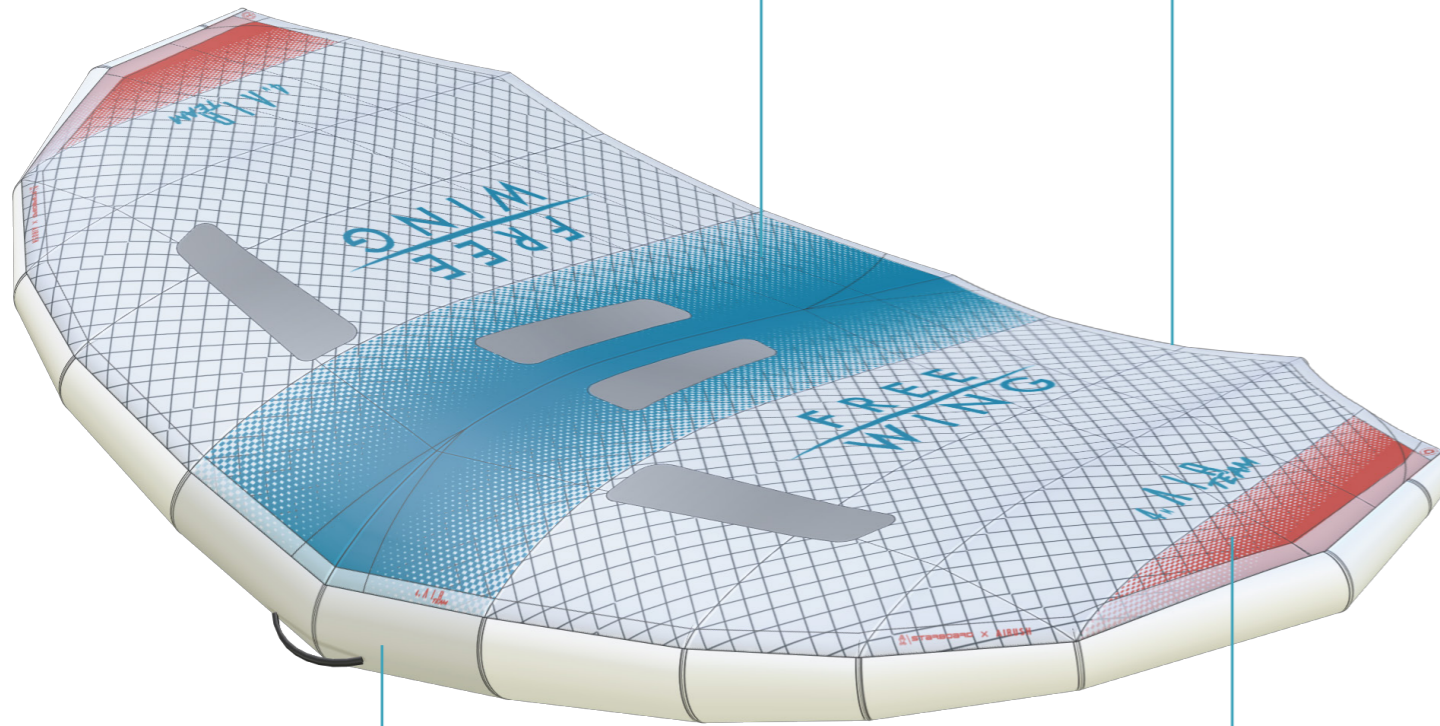
The trailing edge features 2 extra lightweight mini battens for a streamlined and efficient airflow release.

**DRAG REDUCTION WINGTIPS**

Thin optimized wingtips reduce drag, enhancing wing stability for a smoother glide and maximizing flight efficiency.

**OPTIMISED DIHEDRAL**

Lightwind flight requires wing to be positioned in near vertical orientation in-flight. The leading edge features a slight dihedral for the most effective wind catch thereby maintain significant power, even in light winds.



**NEW LARGE CENTER STRUT CONNECTION**

The tapered strut features a wide and strong connection at the base, creating a stiffer overall airframe.

Pumping becomes more efficient, improving low end power, acceleration and through to achieving high-end speed."

**LARGE WINDOWS**

Large wing size obstruct rider's vision when flying. Large outward windows are in the ideal position for maximum field of view. Suitable for use in all climate conditions.

**NEW INCREASE WINGTIP CANOPY SHAPING**

Additional struts induce additional shaping into the wingtips, further enhancing low-end power generation capabilities.

**COMFORT STRUT SHAPE**

The back handle does not need to be as pulled in and allows for a more extended arm position, increasing overall comfort and balance.

**DUAL INFLATIONS VALVES**

To fine-tune wing performance, riders need to optimise pressures in the leading and center strut independently. For this, we've added a second inflation valve to the centre strut to allow for precise pressure control.



**SIZE-SPECIFIC WRIST LEASH**

Strong, recoil leash matches the length of the strut when stretched, yet always have as short a leash as possible to prevent getting tangled.



**NEW ONEPACK WING BAG**

Go all-in with a single bag. The vented bag accommodates both the wing, pump and accessories, equipped with boom attachment points and carrying straps for your on-the-go lifestyle. Also features external and internal pockets.

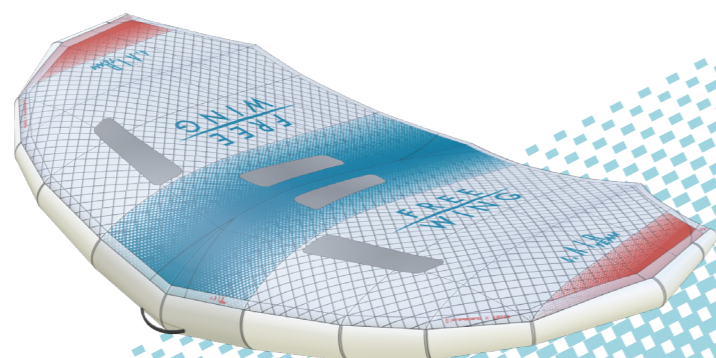
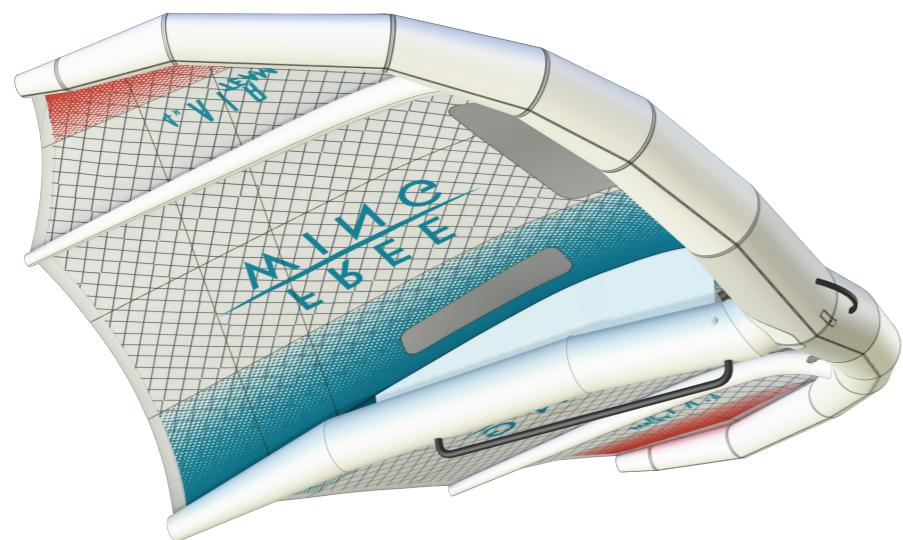
\*Pump not included"



**INCLUDES NOZZLE ADAPTER**

Allows you to turn your inflatable SUP pump into a FreeWing pump.

AIR  
TEAM  
LIGHT WIND



## SIZE CHART

	AREA	WIND RANGE	RECOMMENDED PSI		ESTIMATED WEIGHT
			LEADING EDGE	CENTER STRUT	
7 AIR TEAM LIGHT WIND	7 M <sup>2</sup>	6-18 KNOTS	7 PSI	8 PSI	TBA
8 AIR TEAM LIGHT WIND	8 M <sup>2</sup>	5-16 KNOTS	6.5 PSI	7 PSI	TBA

# CANOPY MATERIAL TECHNOLOGY



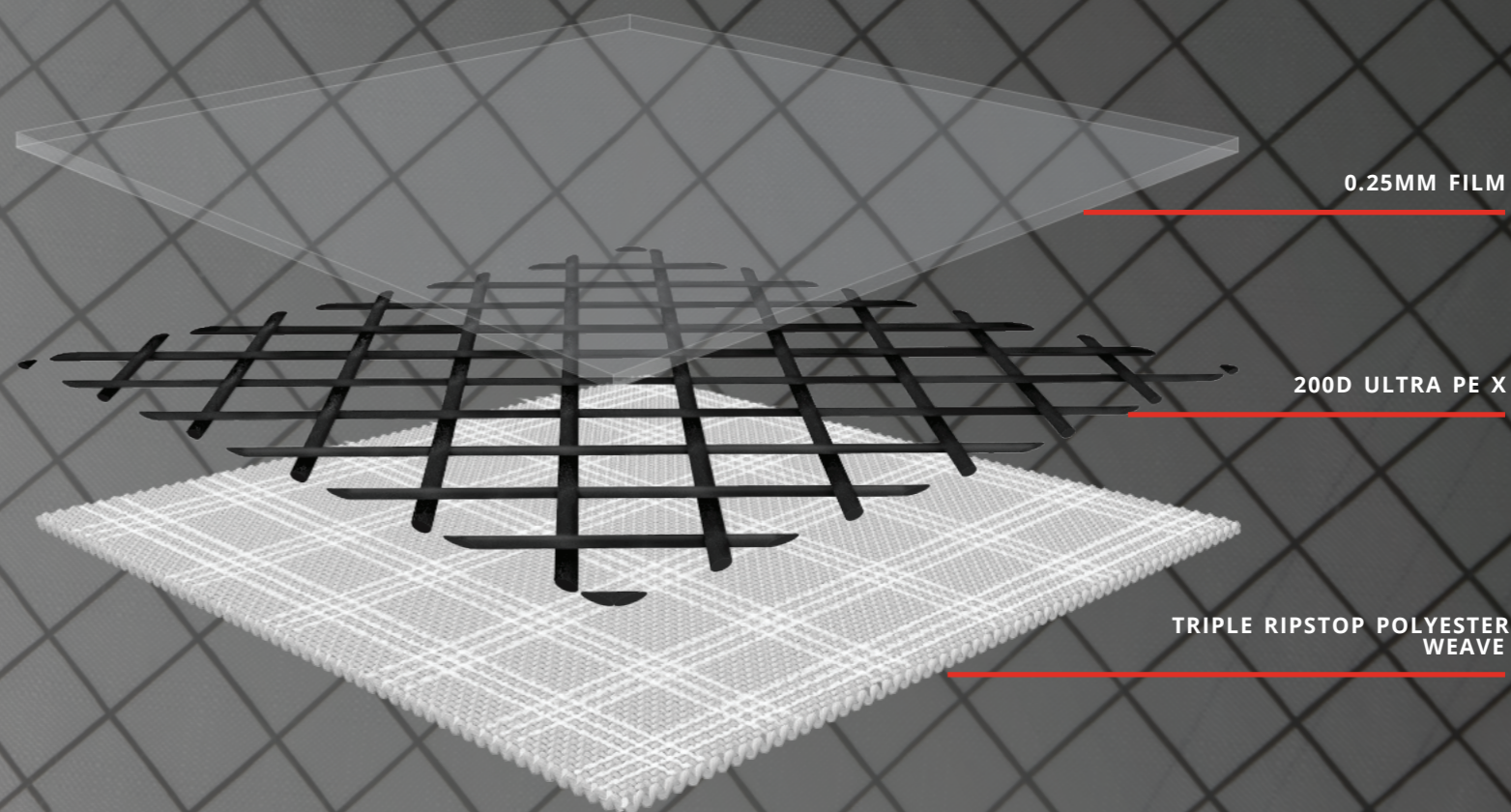
**LOW STRETCH  
ULTRA RESPONSIVE  
DURABLE & LIGHTWEIGHT**

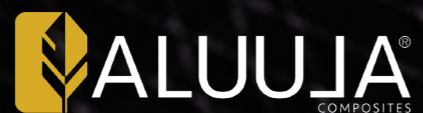
### Understanding Ultra X

In pursuit of superior performance, lightweight and durability we developed the next generation composite canopy materials. The Ultra X canopy features a traditional woven canopy base layer for packability, which is laminated to an ultra-light weight film to limit any stretch and increase performance.

Sandwiched between these layers we added the super strong Micro X Load Frame, preventing deformation along the bias — which is prone to stretching. The primary loads from the canopy are supported through a lightweight Ultra PE mesh. The 200D Ultra PE fibres also increases overall durability and reduces the chances of tears in the canopy.

This revolutionary new canopy material is exclusive to FreeWing.



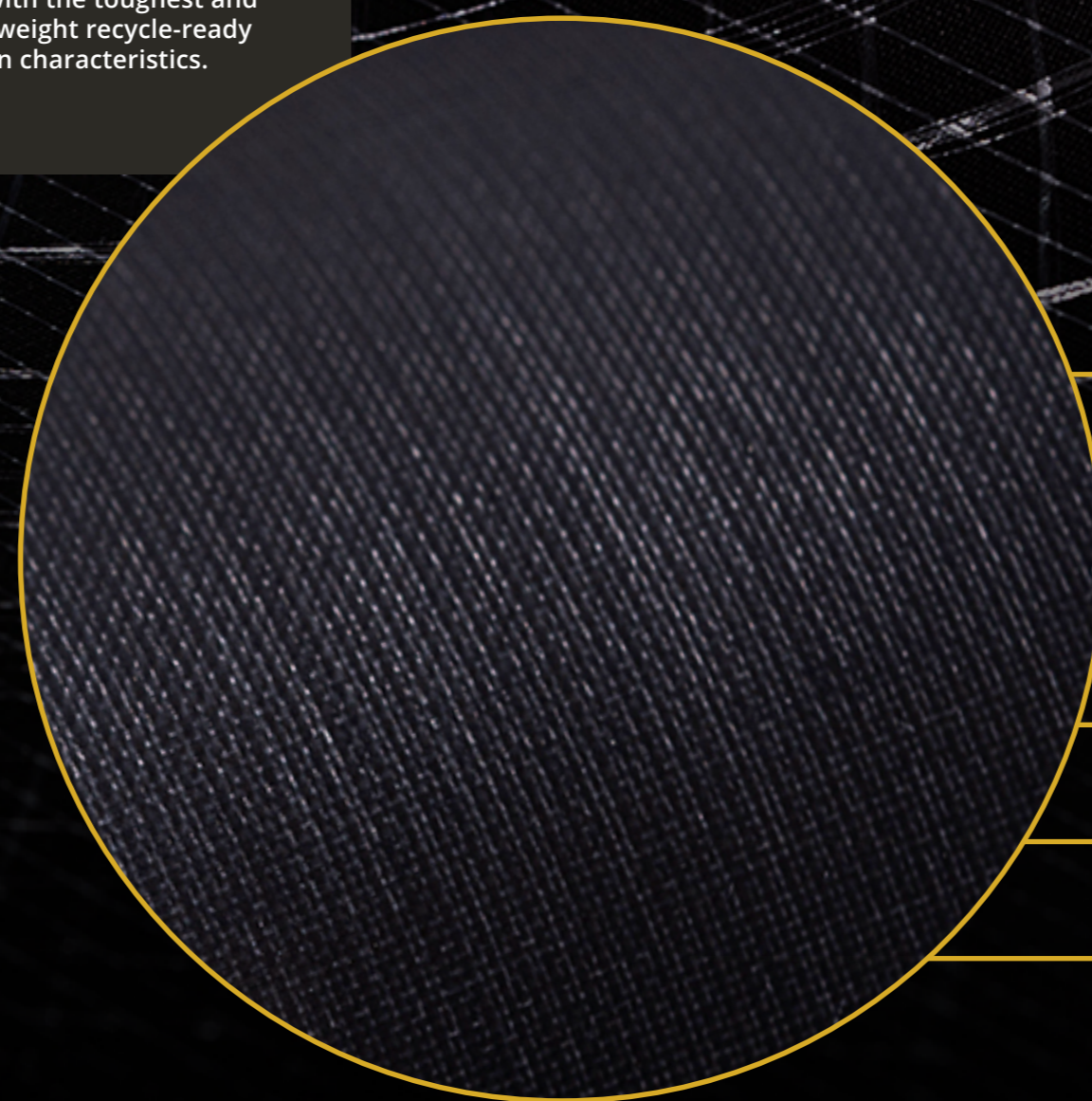


# AERIS

## A NEW ERA OF ULTRALIGHT MATERIALS

### Understanding AERIS

An even lighter ALUULA: AERIS composite combines the unmatched strength-to-weight performance of the ALUULA Core with the toughest and strongest ultralight films available, resulting in a lightweight recycle-ready material with unrivaled strength, tear and abrasion characteristics.



ULTRA LIGHTWEIGHT

GREATER STIFFNESS

UNMATCHED TENSILE STRENGTH

HYDROPHOBIC

TEAR & ABRASION RESISTANT

RECYCLABLE

**FOR EVERY FREEWING SOLD**



FreeWing plants 1 mangrove tree with Worldview International Foundation. Each Mighty Mangrove sinks down 673kg of VCS certified CO<sub>2</sub> during its first 25 years. Offsetting the wings Carbon Emissions more than 10 X over while also funding livelihood projects in Myanmar.



We also collect 1.4 kg of beach / ocean plastic trash - equivalent to the amount of plastic trash entering the ocean, per person, per year. FreeWing balances this amount for our customers.

**FREE**  
**WING**