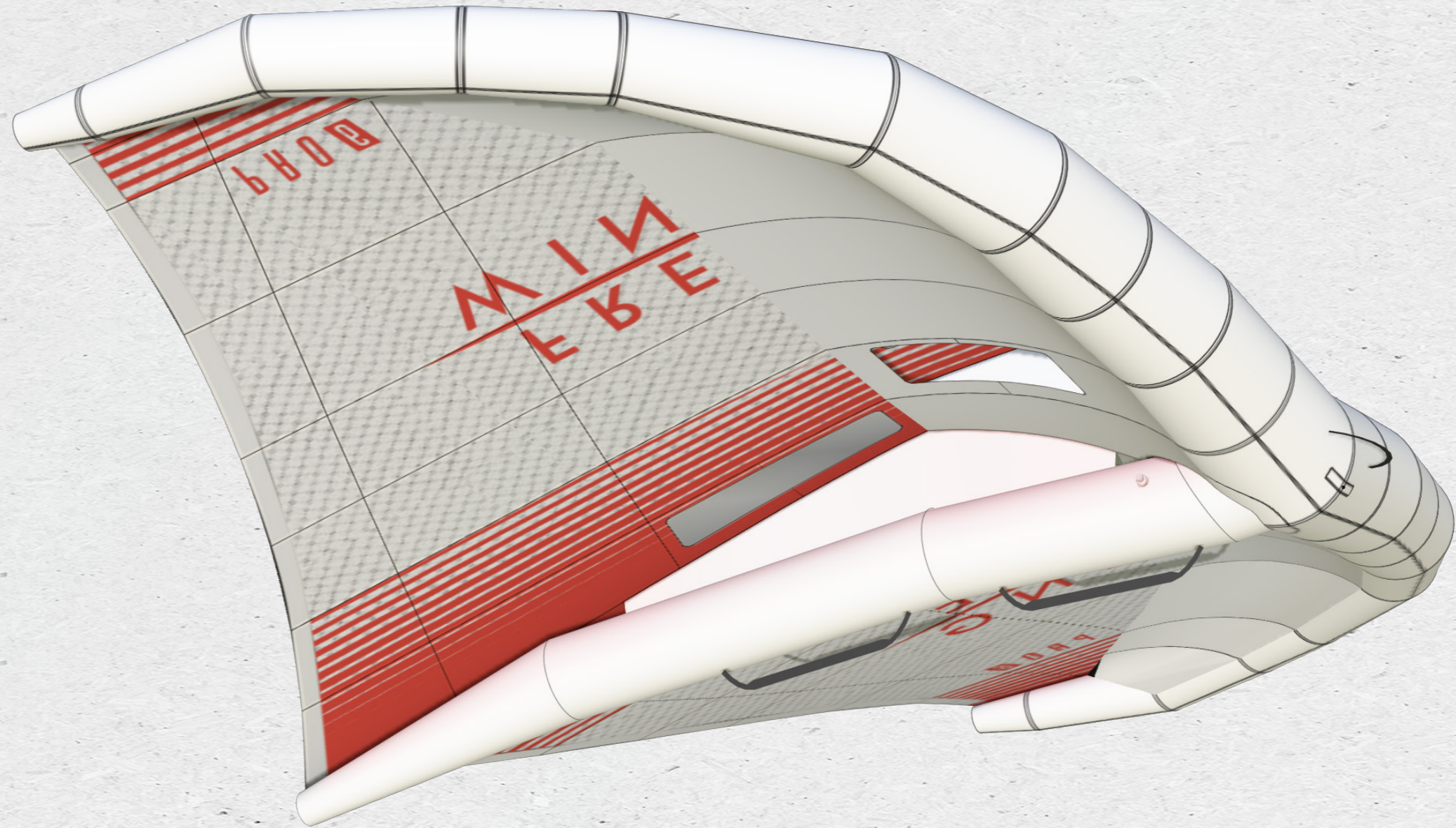


FREE WING



PRO v2
PROVISIONAL PRODUCT GUIDE

PRO



DEFY LIMITATIONS

Our job is to develop a race wing with higher performance than any other, improving riding sensation and speed.

The PRO v2 is the result of 3 years of 40% double surface development, removing large parts of the turbulence behind the leading edge front strut, allowing up to 5 degrees better upwind performance.

The Ultra X Canopy provides minimal stretch and long-term durability, at a super light weight.

ALUULA Aeris airframe is ultralight and delivers sensational reflex and response, much like a carbon material.

The airframe's leading edge 12.5 degree dihedral helps guide the top part of the wing to the most effective angle, maximizing the wind power.

PRO V2

- EXCLUSIVE ULTRA X CANOPY
- ULTRALIGHT ALUULA AERIS AIRFRAME
- DOUBLE SURFACE DESIGN
- STANDARD WITH PRE-PREG CARBON BOOM

FREE
WING



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.

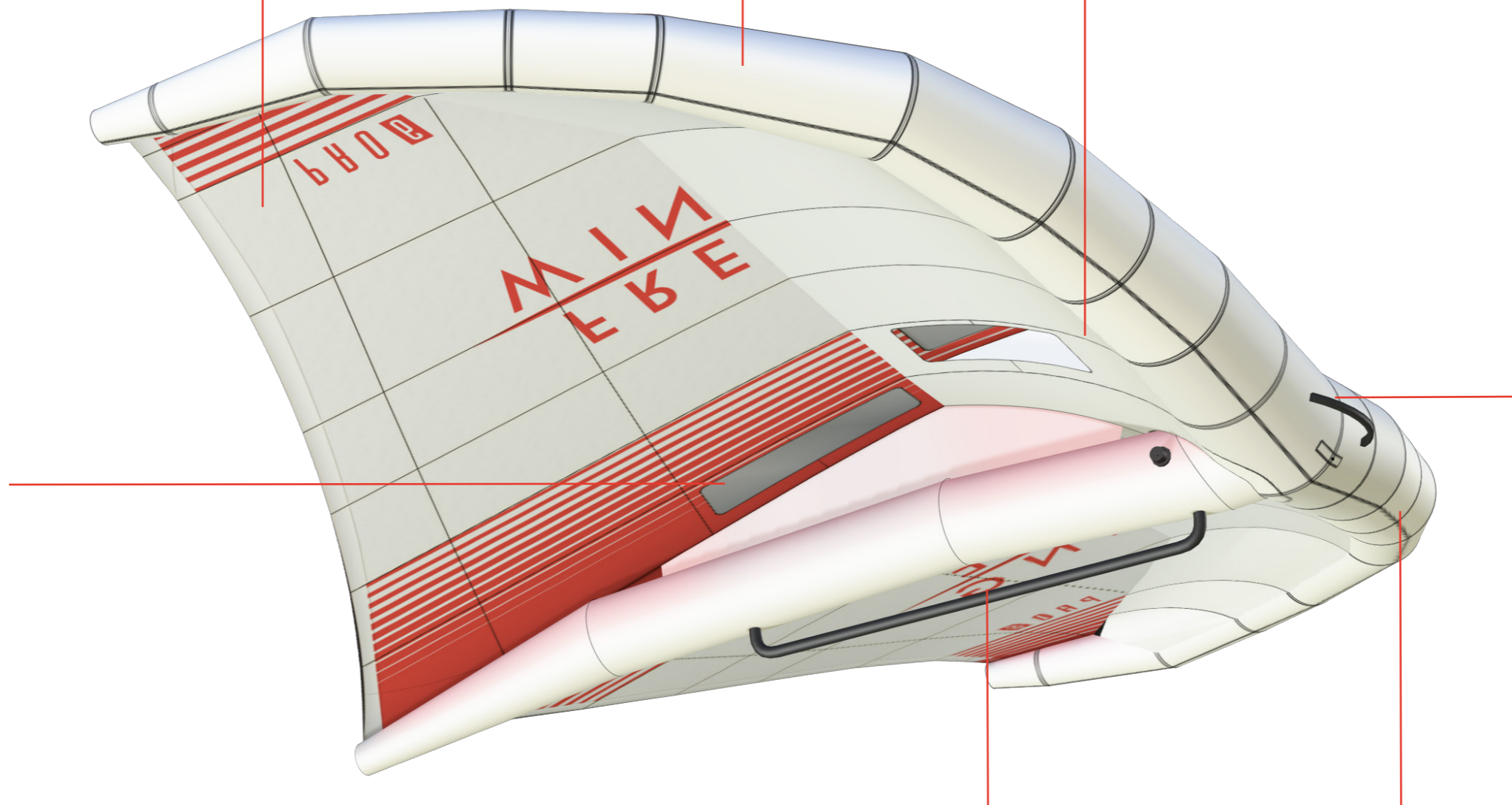


NEW ULTRALIGHT ALUULA AERIS AIRFRAME

An even lighter ALUULA: 74gsm 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 DOUBLE SURFACE TECH

Also known as double skin sail, is an innovative design that improves airflow over and around the LE, greatly improving upwind angle of attack. The double surface design eliminates the separation bubble behind the leading edge, significantly improving wind flow and aerodynamic characteristics.



DUAL VISION WINDOWS

Racer safety is paramount. Double window design on each side of the wing achieves a high-degree field of view while maintaining minimal weight. Suitable for use in all climate conditions.

STIFF & RESPONSIVE FRONT HANDLE

We continue with our class-leading front handle design utilising technology from our proven Firm Flex handle design, offering generous space and comfort. It is designed to be stiff and responsive, ensuring maximum wing control when flagged out.

PRE-PREG CARBON BOOM

Shipping standard with our new one-piece Pre-Preg Carbon Boom and featuring the innovative Modular Handle System technology, the PRO V2 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

OPTIMISED GEOMETRY

Medium-aspect wing ratio together with a short strut for compact power balance makes the wing more maneuverable, performing better through tacks & gybes, and when flagged out.

PRO V2

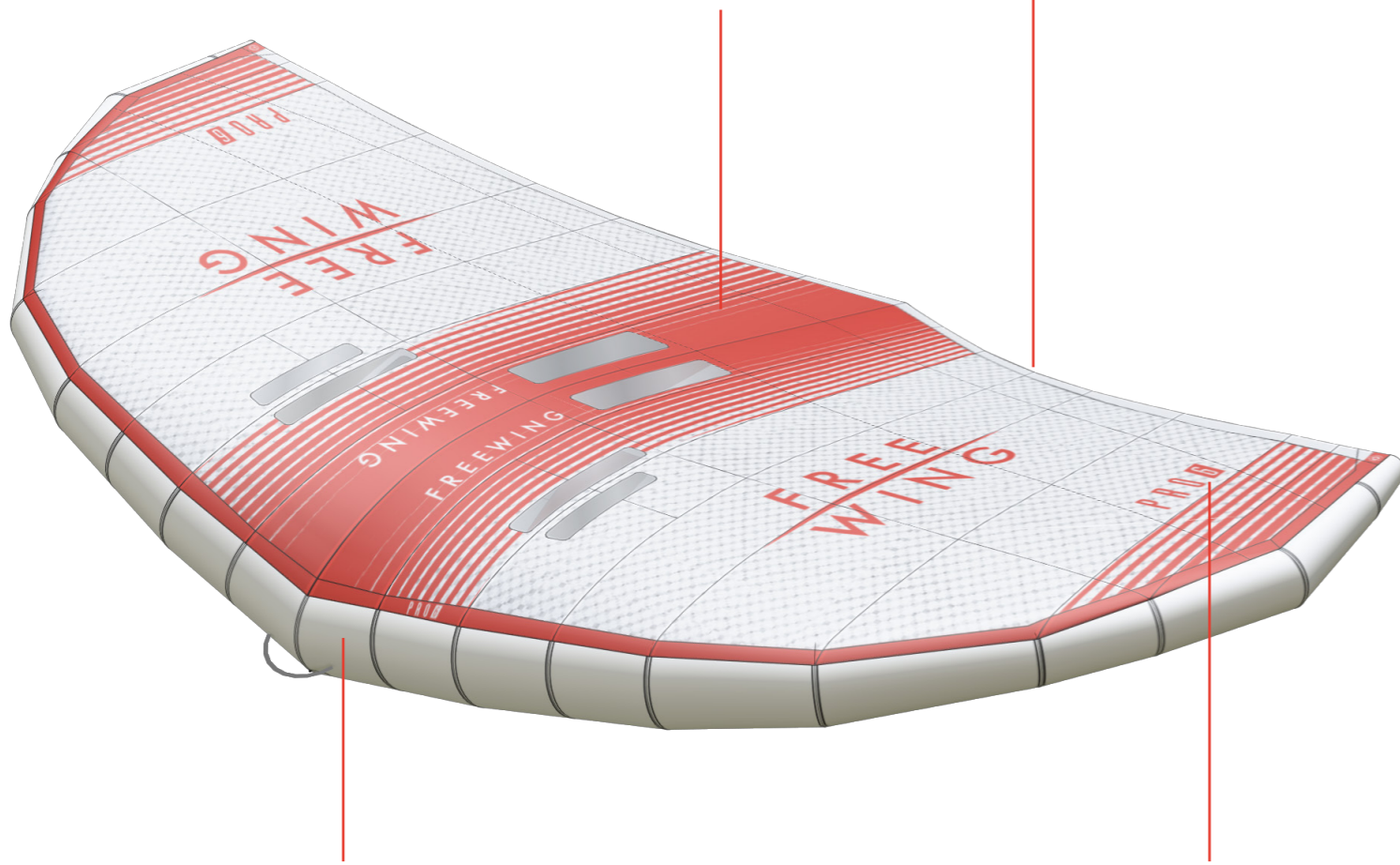
FREE
WING

MEDIUM CANOPY TENSION

Provides consistent power delivery and excellent flagged-out stability. Also, more stability and lift from the canopy in maneuvers, making tacking and gibing a dream.

LIGHTWEIGHT MINI BATTENS

The trailing edge features 3 extra lightweight mini battens for a streamlined and efficient airflow release.



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 DIAMETER LEADING EDGE

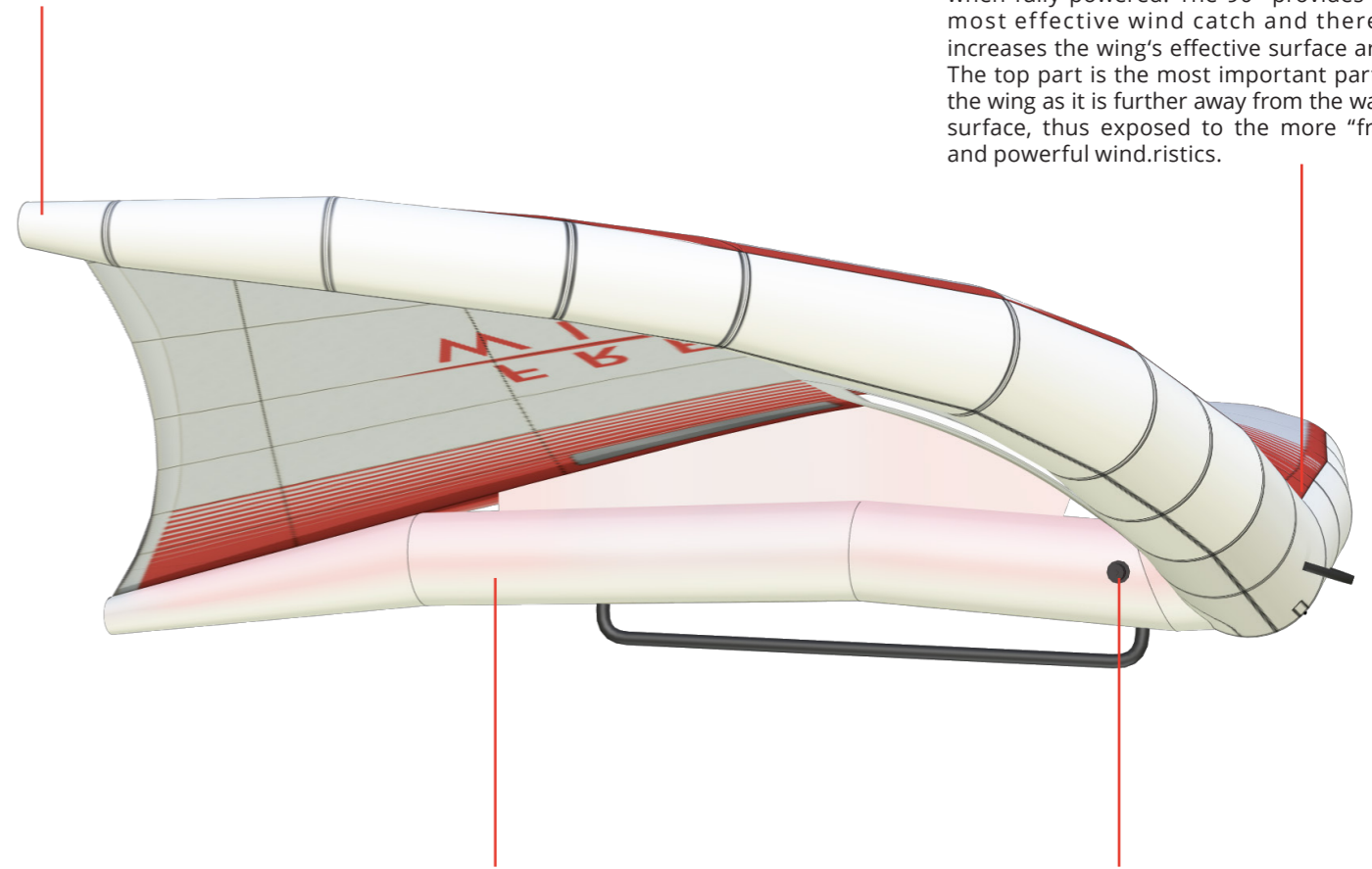
Large diameter LE tolerates higher PSI, improving the wing's stiffness, responsiveness and overall performance

DRAG REDUCTION WINGTIPS

Thin optimized wingtips reduce drag, enhancing stability for a smoother glide when the wing is flagged out.

NEW RACE OPTIMISED 12.5° DIHEDRAL

Leading edge features a 12.5° dihedral providing a true vertical upper side of the wing when fully powered. The 90° provides the most effective wind catch and thereby increases the wing's effective surface area. The top part is the most important part of the wing as it is further away from the water surface, thus exposed to the more "free" and powerful wind.ristics.



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.

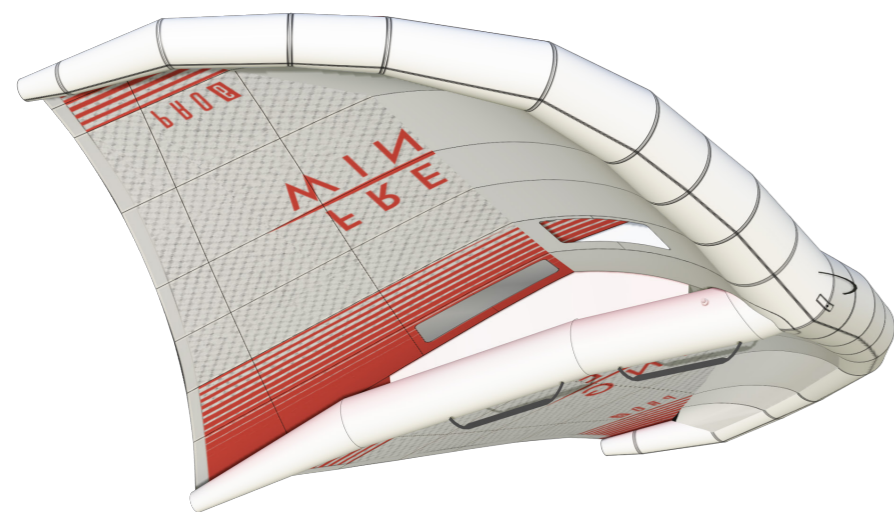
*Pump not included



INCLUDES NOZZLE ADAPTER

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

PRO_{V2}



SIZE CHART

	AREA	WIND RANGE	RECOMMENDED PSI		ESTIMATED WEIGHT
			LEADING EDGE	CENTER STRUT	
PRO ³					
PRO ⁴					
PRO ⁵					
PRO ⁶					
PRO ^{6.7}					

CANOPY MATERIAL TECHNOLOGY



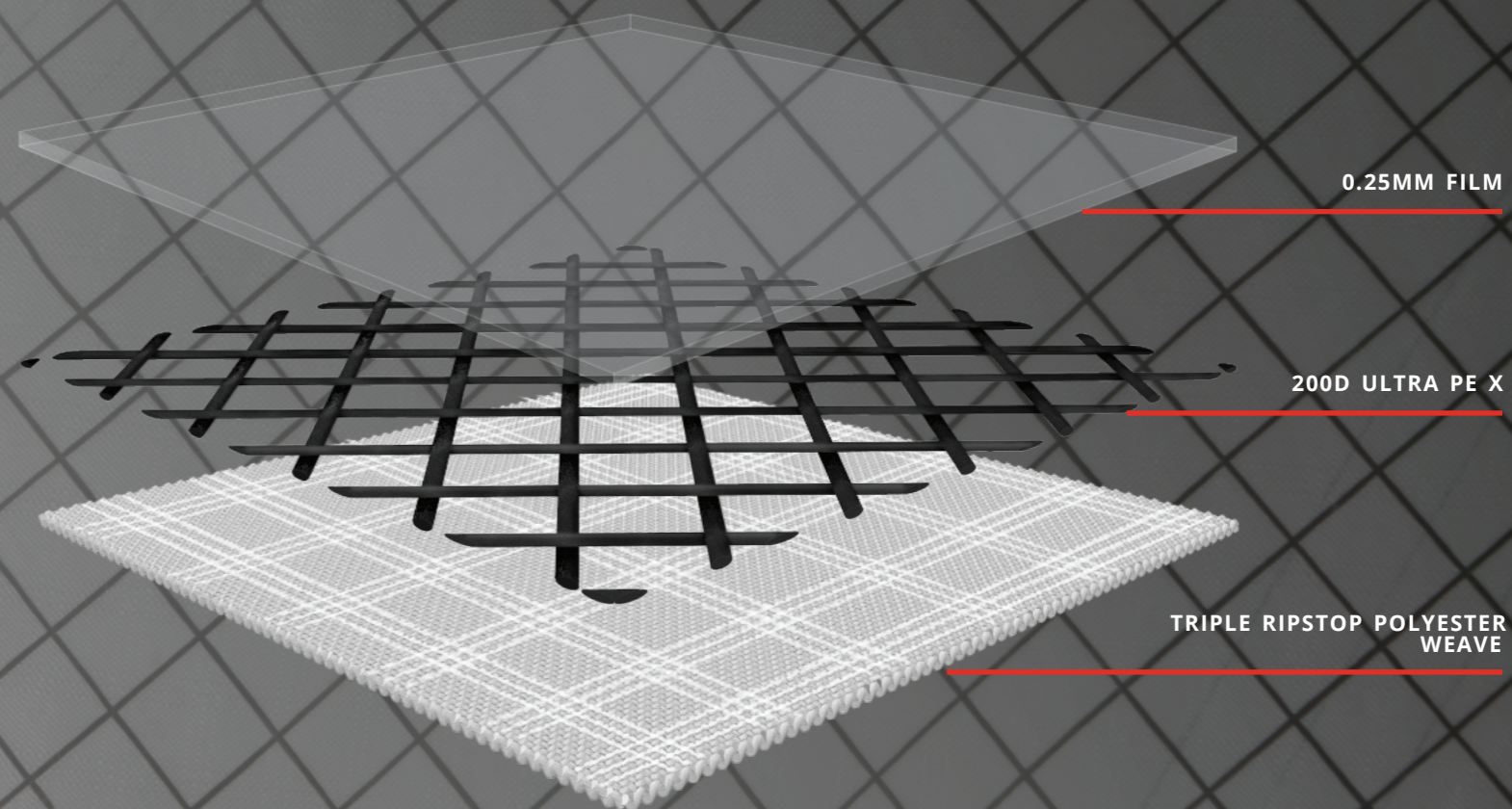
**LOW STRETCH
ULTRA RESPONSIVE
DURABLE & LIGHTWEIGHT**

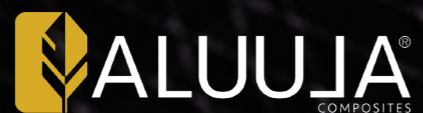
Understanding Ultra X

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.



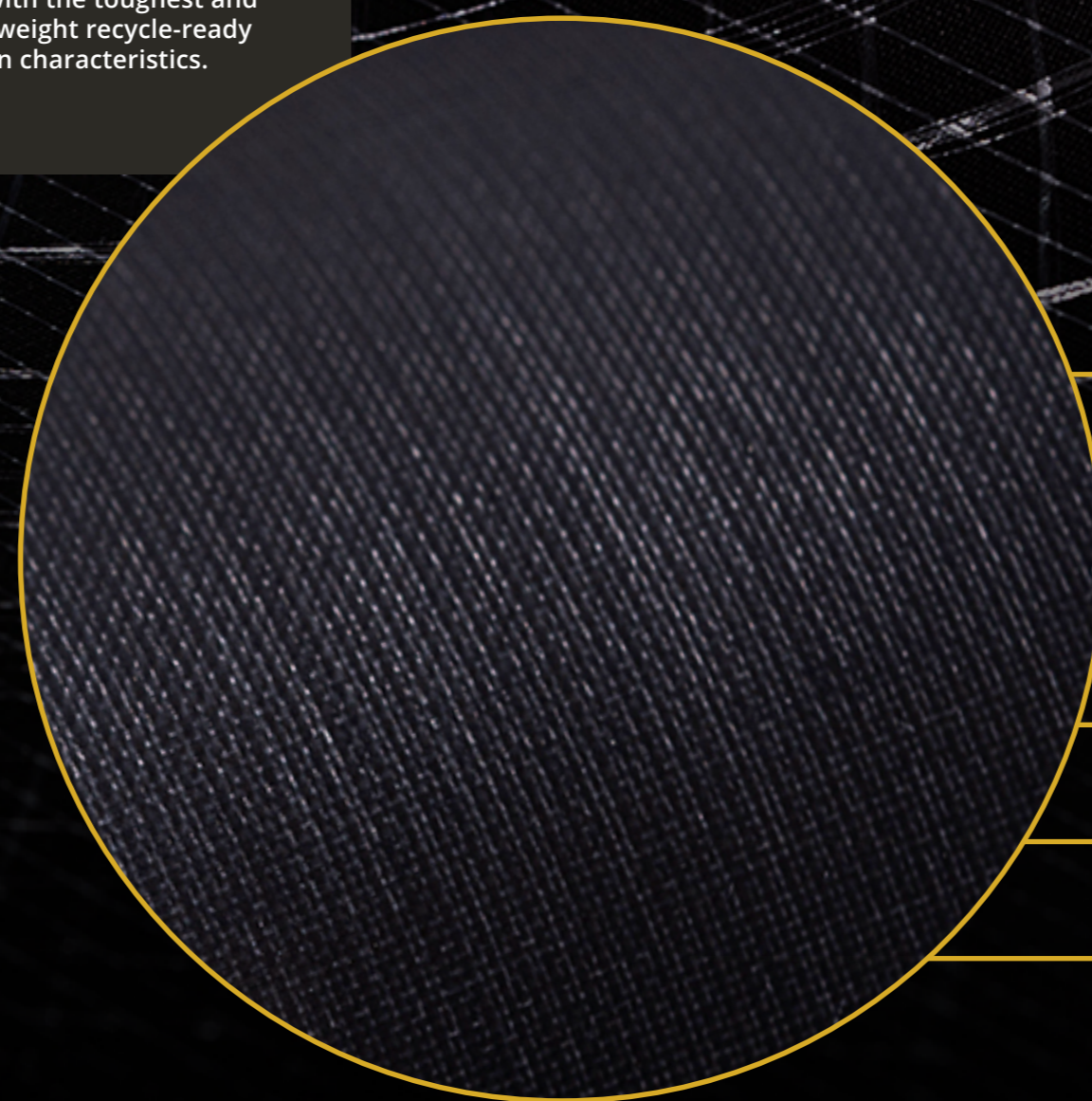


AERIS

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 CO₂ 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

PRO v2

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- ULTRALIGHT ALUULA AERIS AIRFRAME
- DOUBLE SURFACE DESIGN
- MODULAR HANDLE SYSTEM

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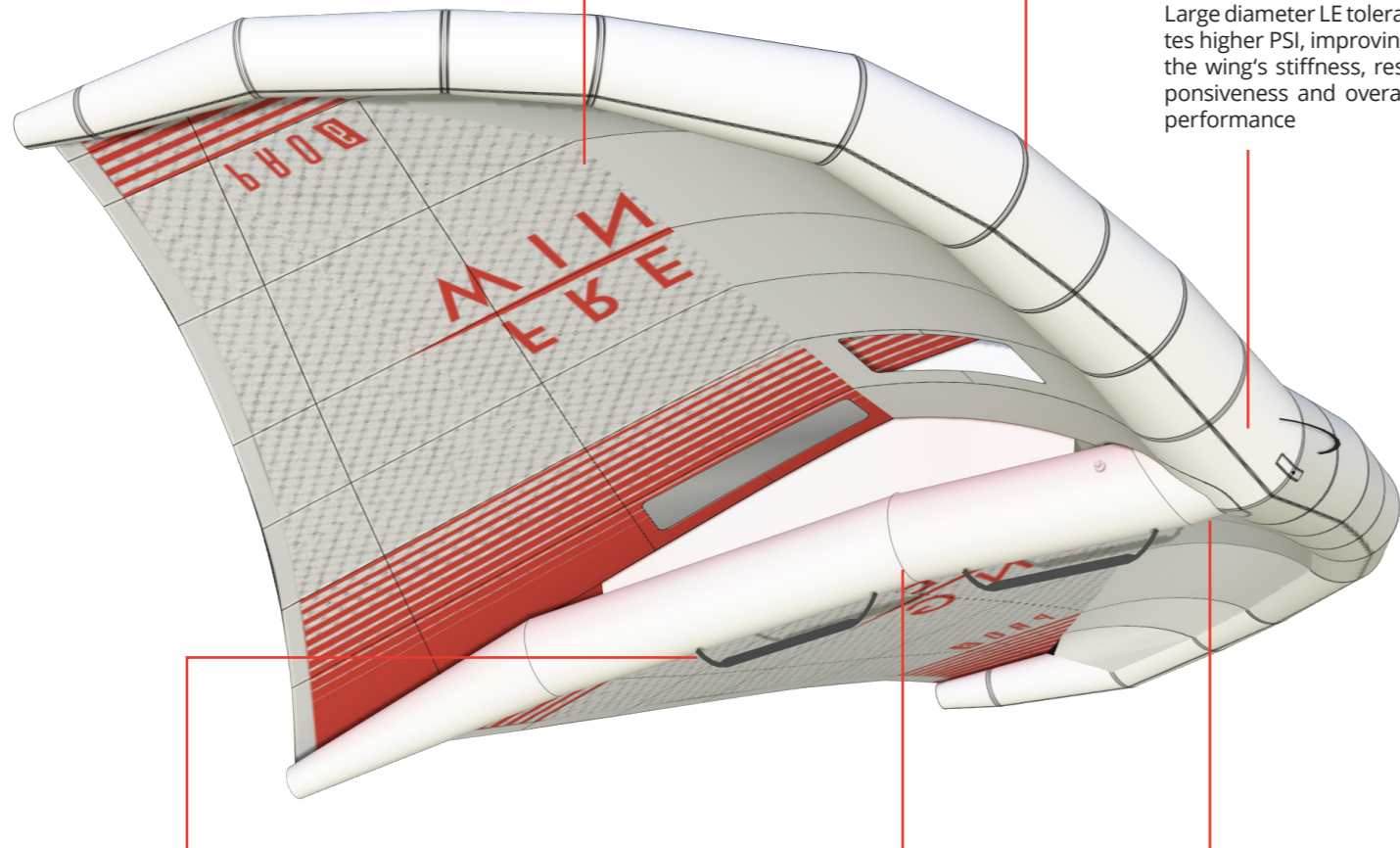
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NEW INNOVATIVE SEAM CONSTRUCTION - SAM TO ADVISE

We developed a new seam construction that can tolerate higher PSI in the leading edge and strut. Attaining a high-pressure airframe improves the stiffness, responsiveness and overall performance of the wing.

LARGE DIAMETER LEADING EDGE

Large diameter LE tolerates higher PSI, improving the wing's stiffness, responsiveness and overall performance



MODULAR HANDLE SYSTEM

Utilising our Modular Handle System, the PRO v2 ships standard with our new Alu Ultra Grip Handle for responsive performance. The PRO v2 can be configured to suit a riders' personal preferences & requirements with aftermarket options:

Firm-Flex Grip Handle (110 gram ea.)
Pre-Preg Carbon Boom (xxx gram) [Sam to advise]"

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