

# NOVA



DOUBLESKIN  
Product Presentation



## DOUBLESKIN - Minimalist hike & fly

The DOUBLESKIN is the lightest paraglider in the world\*, it has an upper and lower surface (2.1 kilos/size 17). With its tiny packing volume it is pure joy in the air thanks to its superior aerodynamics in comparison to single-surface wings. So carefree ascent is just as much fun as the flight and landing.

(\*with the same flat area, EN certification, selection of the Ultralight Riser option and not including single-surface wings. Status: 06/19)





## One for all

The DOUBLESKIN is designed for absolute flying pleasure, because its lightweight construction has all the advantages of a single-surface glider, while the lower surface was retained to ensure optimum flying characteristics. Extreme lightweight cloth and optimised slots in the profile ribs make this the complete compact package. So you can travel with little baggage and climb the mountains on foot - always on the lookout for the next beautiful launch site. Tip: all three sizes of the DOUBLESKIN offer an extended weight range for even more dynamics and speed. In size 17, this extended weight range is certified as EN/LTF B, sizes 20 and 23 are EN/LTF A.





## Into the wind

Even when you need some speed, you can rely on the DOUBLESKIN, because it stays bravely on track and performance remains high. We consider this characteristic to be an aspect of safety, because during hike & fly the wind does not always behave as forecast. This brings us to the topic of handling in thermals - this where the DOUBLESKIN is at its best. If you are looking for a very light, playful „all-inclusive“ paraglider for your next trip or for new adventures in your local flying area, this is the wing for you.



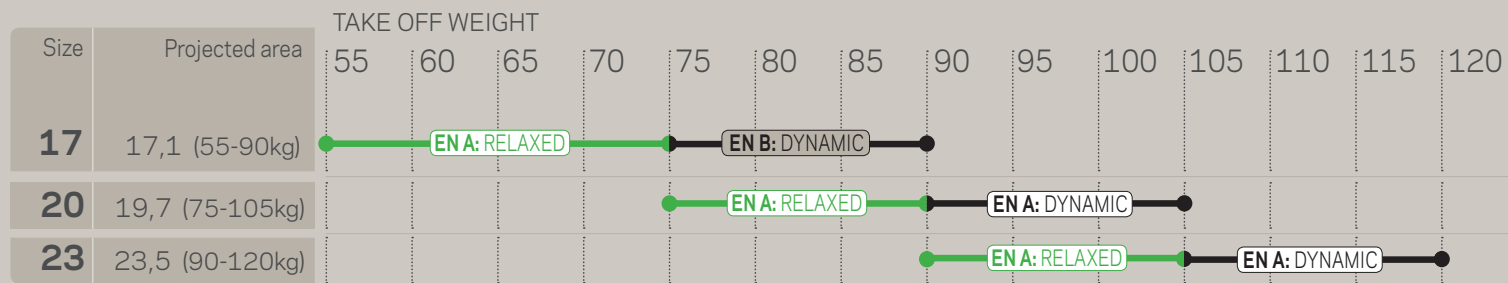


## Extremely relaxed

The DOUBLESKIN's short lines make it easier to lay out and launch in rough terrain, because less space is required. If the launch site is very steep or snow-covered, useful holding pins prevent the glider from slipping. All main, stabilo and brake lines are sheathed and colour-coded, making launch preparation easy and increasing the longevity of the lines.



# DOUBLESKIN



RELAXED - for recreational pilots

DYNAMIC - ideal for those who want more speed and a more dynamic wing

## Pilot target group

The DOUBLESKIN (EN/LTF A) comes with a high level of passive safety (flat aspect ratio: 4.4) and due to its manoeuvrability, excellent glide performance and joyful thermalling characteristics it can readily turn a flydown into a sightseeing trip. And if you like to do a few wingovers on the way, you will enjoy the DOUBLESKIN's short brake travel, agility and simultaneously controllable reactions. Those who prefer a more dynamic wing will benefit from the extended weight range in size 17 - with a take off weight between 75 and 90 kilos, it is certified as an EN/LTF B. Despite the A certification in other sizes, we do not recommend the DOUBLESKIN for instruction. To avoid twisting, a good pre-flight routine is required when connecting the Ultralight Risers, and the extra light cloth may be damaged more easily during extensive ground handling. Alternatives for instruction: our popular PRION beginner glider and our lightweight all-rounder IBEX.





MONTIS

## Every gram counts

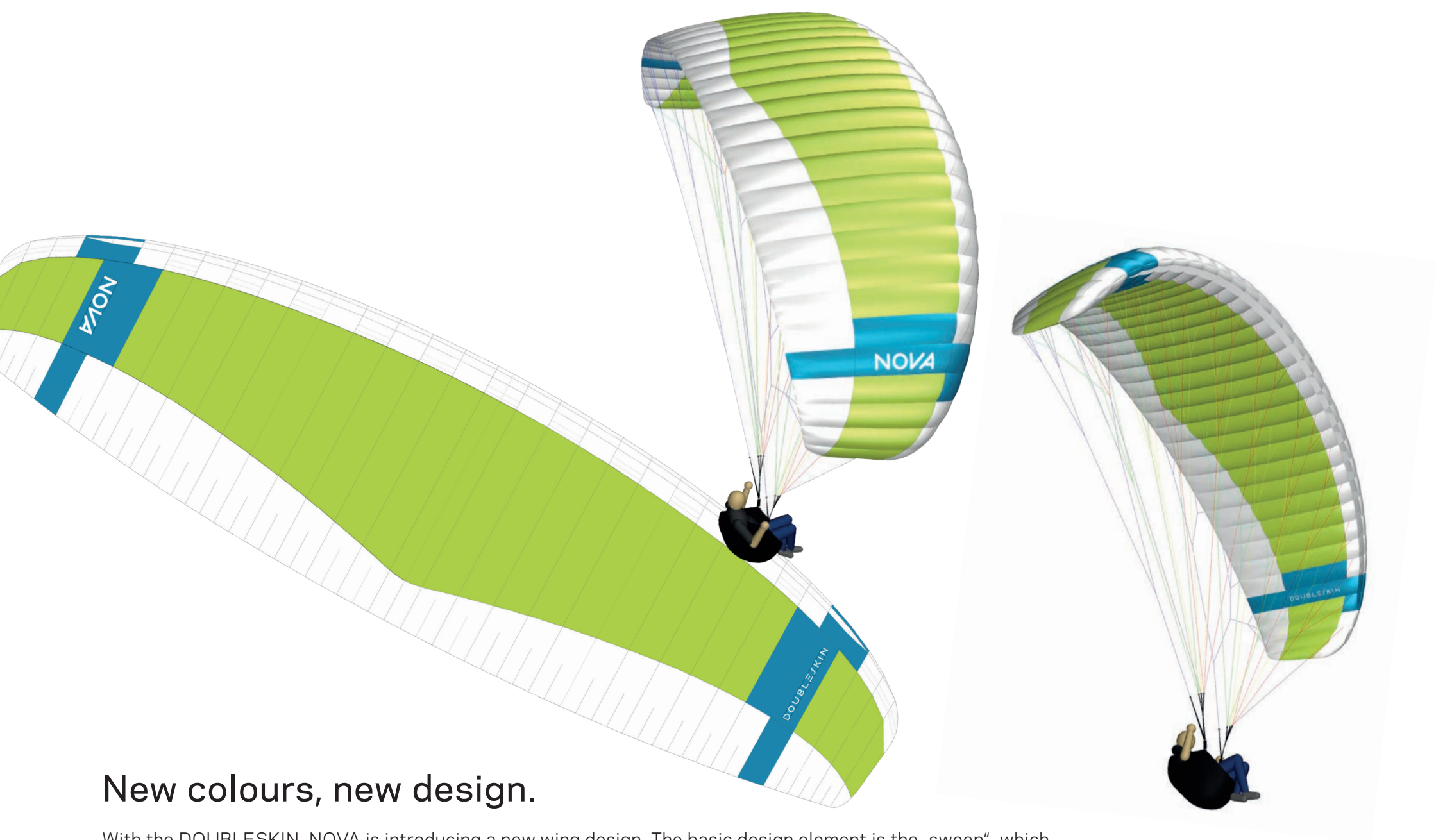
Size 17 (55 - 90 kg take off weight) weighs only 2.1 kg and together with our MONTIS harness (320 grams) forms a very good basis for weight-optimised hike & fly equipment. We didn't cut corners in the DOUBLESKIN's complex design, including mini-ribs, vector tapes and a comparatively large number of cells, to ensure the performance and stability of the wing. Those who want to carry 60 grams less can opt for our minimalist Ultralight Risers as an alternative to our Light Risers when buying the DOUBLESKIN.





DOUBLESKIN  
Minimalist hike & fly





## New colours, new design.

With the DOUBLESKIN, NOVA is introducing a new wing design. The basic design element is the „sweep“, which emphasises the optical aspect ratio of the paraglider. On each wingtip there is also a „banderole“ that will vary slightly in appearance from model to model, making room for manufacturer and product names. In the case of the cloth, new, vibrant tones enrich the colour palette previously used by NOVA.



## Upper surface vector tape

This tape reduces the crease that is created when braking. This markedly increases climb performance and handling. In the DOUBLESKIN, this vector tape runs just in front of the mini-ribs, which, for the sake of weight optimisation, are as short as possible.

## Mini-ribs

Mini-ribs increase the number of cells in the rear wing area and thus provide an aerodynamically optimised trailing edge. The mini-ribs of the DOUBLESKIN are particularly short - another measure to keep the paraglider as light as possible.





## Light Riser

The lightweight risers impress with their ease of use and clearly visible colour markings. Thanks to softlinks, weight-optimised pulley rings and other ingenious details, they are already very light, but never confusing.

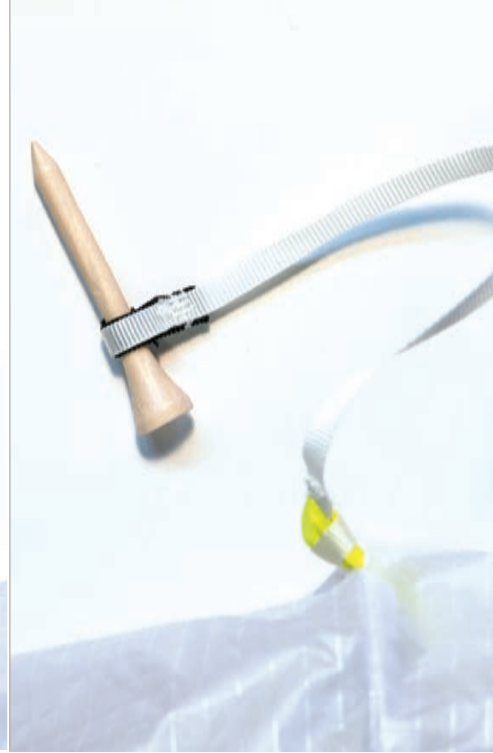


## Ultralight Riser

The lightweight risers impress with their ease of use and clearly visible colour markings. Thanks to softlinks, weight-optimised pulley rings and other ingenious details, they are already very light, but never confusing.

### Tip:

If you are unsure which riser option of the DOUBLESKIN is the right one for you, we recommend the Light Riser.



## Holding pins

By means of small loops and wooden pins the paraglider can be easily secured for take-off in very steep and slippery terrain - e.g. on snow. This prevents the glider from sliding down while being laid out. If you inflate the canopy, the pins will release automatically. Detailed instructions on how to use the holding pins can be found in the DOUBLESKIN manual.

## Ultralight Compression Bag

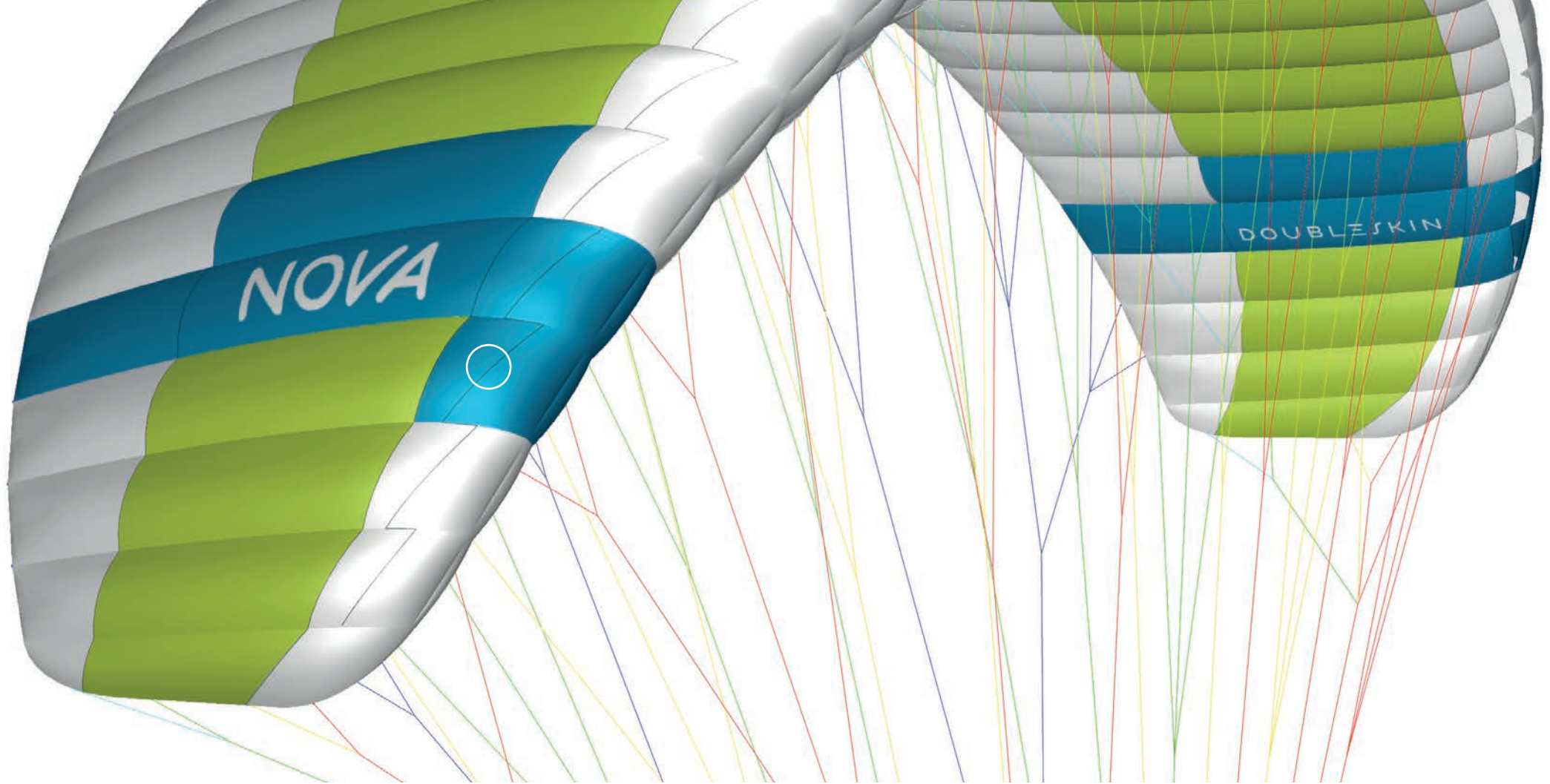
Every DOUBLESKIN is delivered with an Ultralight Compression Bag (22 L, 34 g). The NOVA Compression Bag reduces the volume of the wing, protects it from sweat and helps to pack it flatter, which makes carrying it in your rucksack more comfortable.



## Weight-optimised cloth

We only use the highest quality sail cloths in all our wings, and we not only test the cloth for durability (high porosity or reduced tear resistance through UV damage or wear) but also for mechanical robustness, for example stretching. For quality control purposes we regularly take samples during serial production. The DOUBLESKIN is made from the lightest cloth currently available on the market. It is also characterised by its small packing volume and high UV resistance.





## Zig-Zag 3D-Shaping

As well as the double 3D-shaped seams, there is an additional diagonal 3D-shaped seam on every cell. This forms a striking zig-zag pattern. The advantage is that this seam doesn't run in the direction of the spanwise force. This means the seam runs more cleanly and is more aerodynamically advantageous. This innovation reduces the creases in the leading edge.



**ZIG-ZAG  
3D-SHAPING**



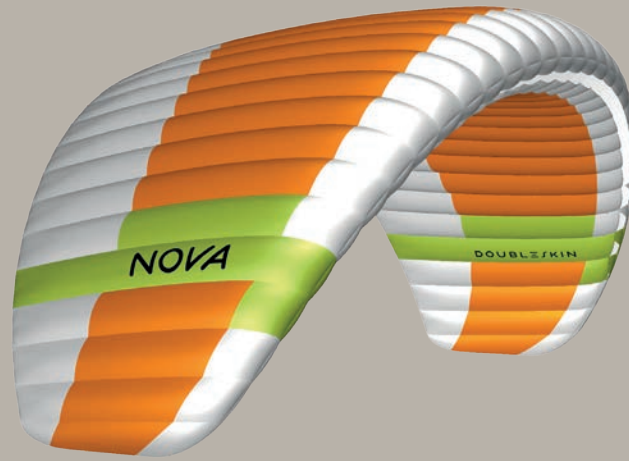
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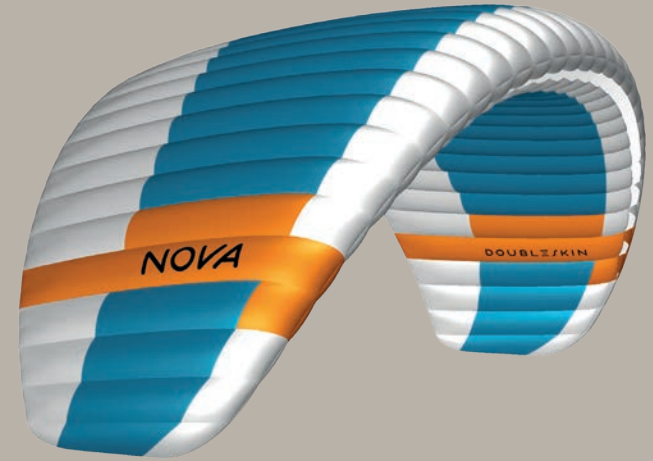




\_Lime



\_Orange



\_Petrol

## Colours

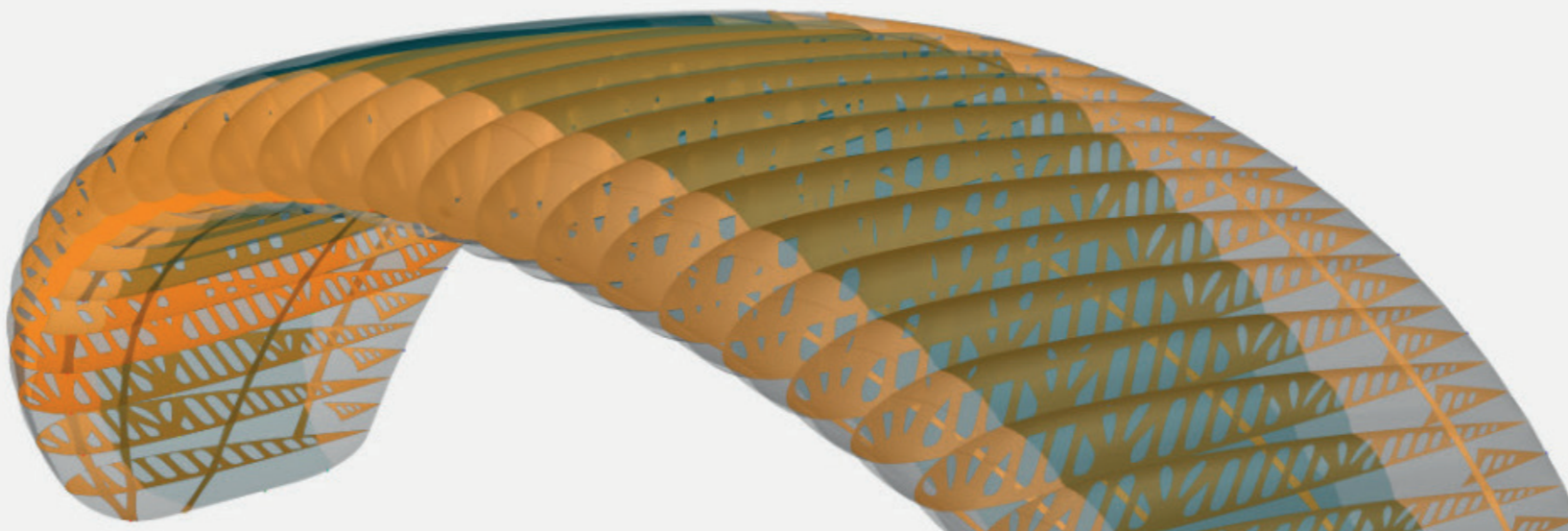


## Materials

Leading edge: Dominico 10D, 26 g/m<sup>2</sup>  
Top surface: Dominico 10D, 26 g/m<sup>2</sup>  
Lower sail: Dominico 10D, 26 g/m<sup>2</sup>  
Profile ribs: Porcher Skytex 27 Hard, 27 g/m<sup>2</sup>

Main lines: Liros PPSL 191 / TSL 140  
Gallery lines: Edelrid U-8000 / PPSLS 65  
Brake lines: 7850-240 / PPSLS 65  
Light Riser: Kevlar 12mm  
Ultralight Riser: Edelrid Taurus





## Technical Data

### DOUBLESKIN

		17	20	23
Number of cells		33	33	33
Projected span	m	7,6	8,1	8,8
Projected area	m <sup>2</sup>	17,1	20,0	23,5
Projected aspect ratio		3,3	3,3	3,3
Flat span	m	9,4	10,1	11,1
Flat area	m <sup>2</sup>	20,0	23,0	27,5
Flat aspect ratio		4,4	4,4	4,4
Line diameter	mm	0,7 / 0,8 / 1,0 / 1,2 / 1,3		
Line length	m	5,05	5,50	6,05
Max. chord	m	2,6	2,8	3,0
Weight	kg	2,1	2,4	2,8
Certified take off weight*	kg	55 - 90	75 - 105	90 - 120
Certification (EN & LTF)		A: 55 - 75 kg / B: 75 - 90 kg	A	A

\*) Pilot incl. equipment and wing

# NOVA

Every NOVA paraglider comes with a big package of extra services and guarantees.  
When you buy the wing you get more than just the product.

