



# THE PERFECT PRO TOOL

TANDEM EN-B

*Fuse*<sup>4</sup>





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## THE PERFECT PRO TOOL

The Fuse 4 is our latest tandem paraglider for professionals, offering maximum efficiency and reliability whilst also being fun to fly.

The Fuse 4 marks a step forward from its illustrious predecessor. As a result of feedback from many tandem pilots around the world, we were able to make the Fuse 3 even better:

**increased top speed**

**exclusive new fabric developed by GIN and Myungjin offers outstanding performance characteristics and durability**

**upgraded trim riser**

**even easier inflation and improved handling**





## THE LEGACY CONTINUES

The Fuse 4 improves further on the characteristics that professionals have come to know and love about the Fuse 3.

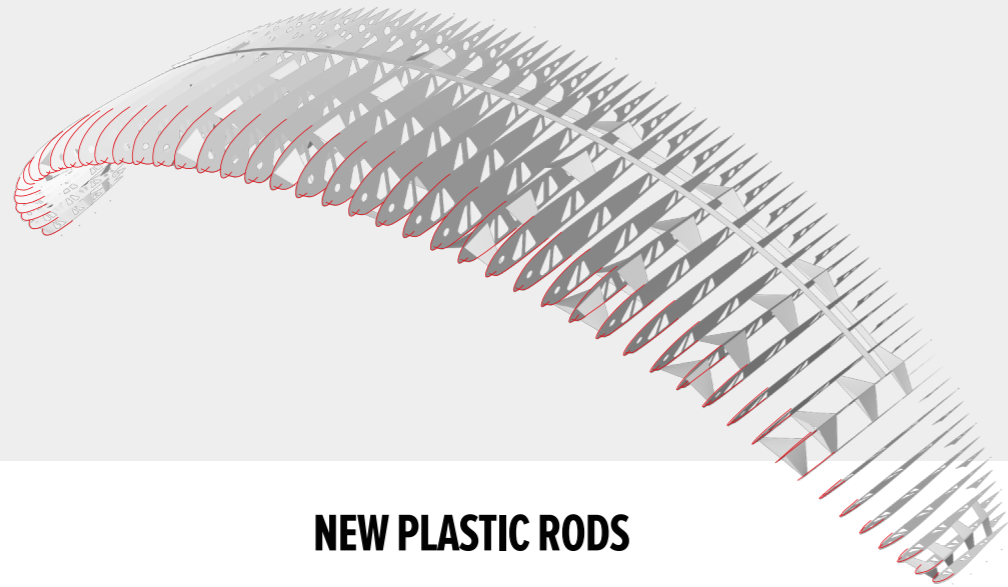
Top speed has been increased, the handling is even lighter and the take-off is even easier. The wing has excellent energy retention and useful performance in climbing and gliding.



## CONSIDERED CHOICE OF FABRICS

A working tool like the Fuse needs to stand up to long hours of service, whilst still offering a pleasant flying experience for both pilot and passenger. In partnership with local Korean fabric manufacturer Myungjin, GIN has introduced on the lower surface a new 29g PU-based composite double-coated fabric, and has further refined the Myungjin 40g and 32g used in the Fuse 3. We believe these fabrics represent the pinnacle of paraglider fabric development, offering durability whilst giving the wing excellent flying characteristics in areas such as inflation, take-off and handling. For the rib material, we opted for Porcher Skytex 40 hard finish due to its performance in this specific application.





## NEW PLASTIC RODS

We are constantly improving the characteristics of the plastic rods, and the new formulation we are using in the Fuse 4 offers greater stiffness which helps keep the leading edge shape. The result is better take-off, handling and in-flight feeling.



## IMPROVED TAKE-OFF, BETTER HANDLING

The material choices have a direct influence on flying characteristics. The lighter fabric and stiffer rods help the wing come up faster, for example in take-offs with a light tailwind. And the brake pressures are also reduced, particularly noticeable when the wing is flown at the top end of its weight range.



## INCREASED TOP SPEED

The Fuse 4 has a 3km/h higher top speed than the Fuse 3, giving you useful extra speed in situations such as penetrating valley winds or coastal flying.



## UPGRADED TRIM RISER

The new trim webbing material is 20% stronger, giving you extended service. There is a new, easier system to replace the trim webbing if it does eventually wear out.



## FULL COVERAGE OF WEIGHT RANGES

The wide weight range and number of sizes offers versatility for pilots and passengers of all weights. The size #44 can also expand your window of operation, especially with heavier passengers in light conditions or on difficult take-offs. The smaller size can also be flown solo or with children.



## INNOVATIVE BIG EARS SYSTEM

The Fuse 4 retains our unique big ear system. This makes it much easier and faster to pull and release the big ears. Besides, the pilot can still use the brakes to steer the glider, useful, for example, to control the glide ratio on top landings. We also added a bridle cover to the standard spreader bars for a neater finish.



## DESIGNER NOTES

*Designer Gin Seok Song explains the development process of the Fuse 4:*

“ As a result of the ongoing success of the Fuse 3, we were able to gather a large amount of feedback from tandem professionals around the world in places.

Most of the focus for the Fuse 4 has been on the materials as these are important for both durability and flying characteristics.

The Fuse 4 features another new fabric developed by GIN with Myungjin, the 29g fabric used on the lower surface. It offers an extraordinary weight-to-durability ratio and we have tested this fabric both in the lab and all over the world in different conditions. The improved characteristics are a result of a unique PU- based composite coating and of course, the reduced weight has benefits when it comes to take-off and handling in the air.

For the rib material, we believe the Porcher 40g hard finish is the best fabric for the job, helping to retain the original performance of the airfoil over longer periods of heavy use. In addition, we have further improved the plastic rod material which helps handling, performance and durability.

We also increased the top speed, which helps a lot in stronger winds. And we found a stronger material for the trim webbing, which will give a much longer period before replacement. ”





## DETAILS

- Exclusive new 29g fabric developed by GIN and Myungjin offers outstanding durability with light weight
- Thin profile improves take-off and performance, and reduces material weight
- Increased top speed (3km/h over the Fuse 3) enables greater penetration, for example in stronger winds in valleys or at coastal sites
- Longer trimmers (17cm) enable greater penetration, for example in stronger winds in valleys or at coastal sites.
- 20% stronger trim webbing for greater durability, easily replaceable
- Fully sheathed Edelrid lines for the best compromise of durability and performance
- Line and riser layout optimized for big ears (large area of A3 and split A-riser)
- Supplied with 20mm riser (724g). 12mm Kevlar risers (420g) are available as an option.
- Supplied with spreader bars (hard, 780g ea.). Supple (soft, 183g ea.) spreaders are available as an option.
- A full range of GIN accessories designed for use with the Fuse are available: harnesses, rescues, etc.



## RISERS



**Standard**

20 mm Güth & Wolf  
Replaceable trimmer webbing



**Additional option**

12 mm Cousin Kevlar  
Non replaceable trimmer webbing



## MATERIALS

### CANOPY

**Upper surface leading edge:**  
Myungjin, MJ40MF 40g

**Lower surface:**  
Myungjin, MJ29MF 29g

### CANOPY

**Upper surface:**  
Myungjin, MJ32MF 32g

### LINES

**Intermediates:**  
Edelrid 7373-140 | 190  
230  
(Aramid)

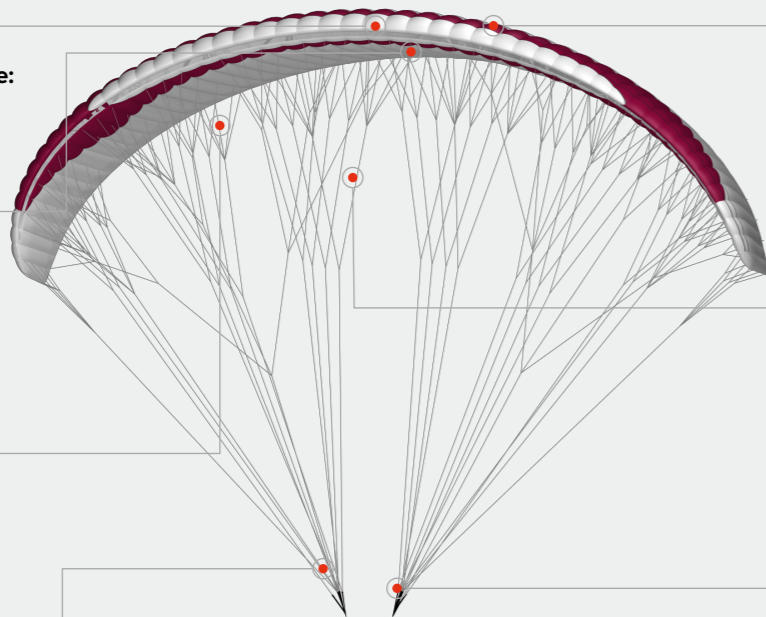
### RISERS

20 mm Güth & Wolf  
**Optional:**  
- 12 mm Cousin Kevlar

### LINES

**Top lines:**  
Edelrid 7950-080 Sleeved  
(Dyneema)

**Main lines:**  
Edelrid 7343-140 | 230 |  
420 | TGL 400  
(Aramid - Dyneema)

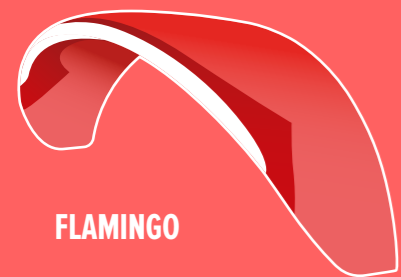


## TECHNICAL SPECIFICATIONS

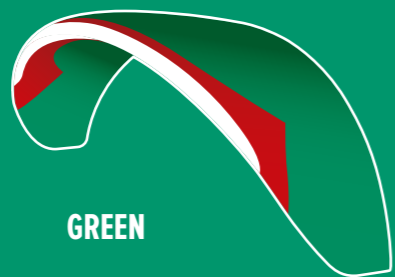
SIZE	37	41	44
Flat area	37.00	41.15	43.97
Flat span	14.07	14.84	15.34
Flat aspect ratio	5.35	5.35	5.35
Project area	31.34	34.86	37.27
Project span	11.08	11.69	12.09
Project aspect ratio	3.92	3.92	3.92
Chord	3.23	3.41	3.53
Cell number	49	49	49
Glider weight	6.30	7.00	7.35
Weight range	90-190	90-220	120-240
Certification	EN B	EN B	EN B



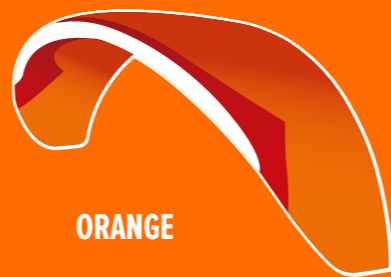
## COLOURS



FLAMINGO



GREEN



ORANGE

## RECOMMENDED BAGS

**XXL RUCKSACK**

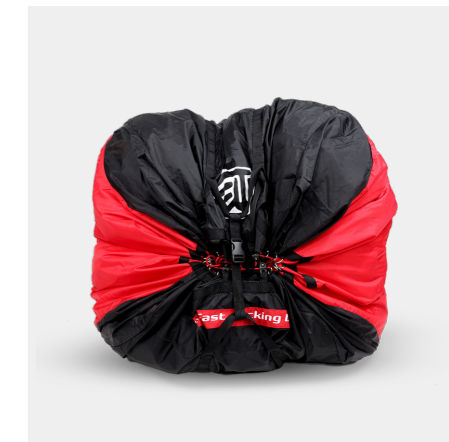
200L Tandem rucksack

Discover &gt;

**FAST PACKING RUCKSACK XXL**

Tandem fast packing rucksack

Discover &gt;

**FAST PACKING BAG**

Stuff bag

Discover &gt;



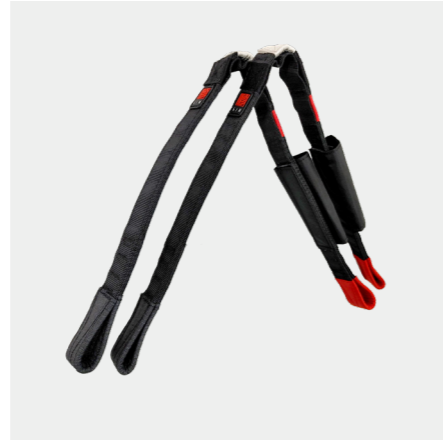
## SPREADER OPTIONS



### SPREADER BARS

Hard spreaders

[Discover >](#)



### SUPPLE SPREADERS

Soft spreaders

[Discover >](#)

The Fuse 4 is not supplied with any spreader option.  
The pilots can choose in between 2 options:

- Supple spreaders
- Spreader bars

Please check the total height of your actual equipment configuration (pilot / passenger, harnesses, spreaders and risers) to ensure that the height is suitable in your individual case. Some adjustment is possible by choosing between different carabiners or maillons.

## TANDEM HARNESS RANGE



### FUSE PILOT

3.8 kg

### FUSE PASSENGER

3.1 kg

Seatplate tandem harnesses

[Discover >](#)



### SAFARI PILOT

2.6 kg

### SAFARI PASSENGER

1.7 kg

Split legs tandem harnesses

[Discover >](#)



# INCLUDED WITH YOUR WING



Inner bag



Compression strap



GIN stickers

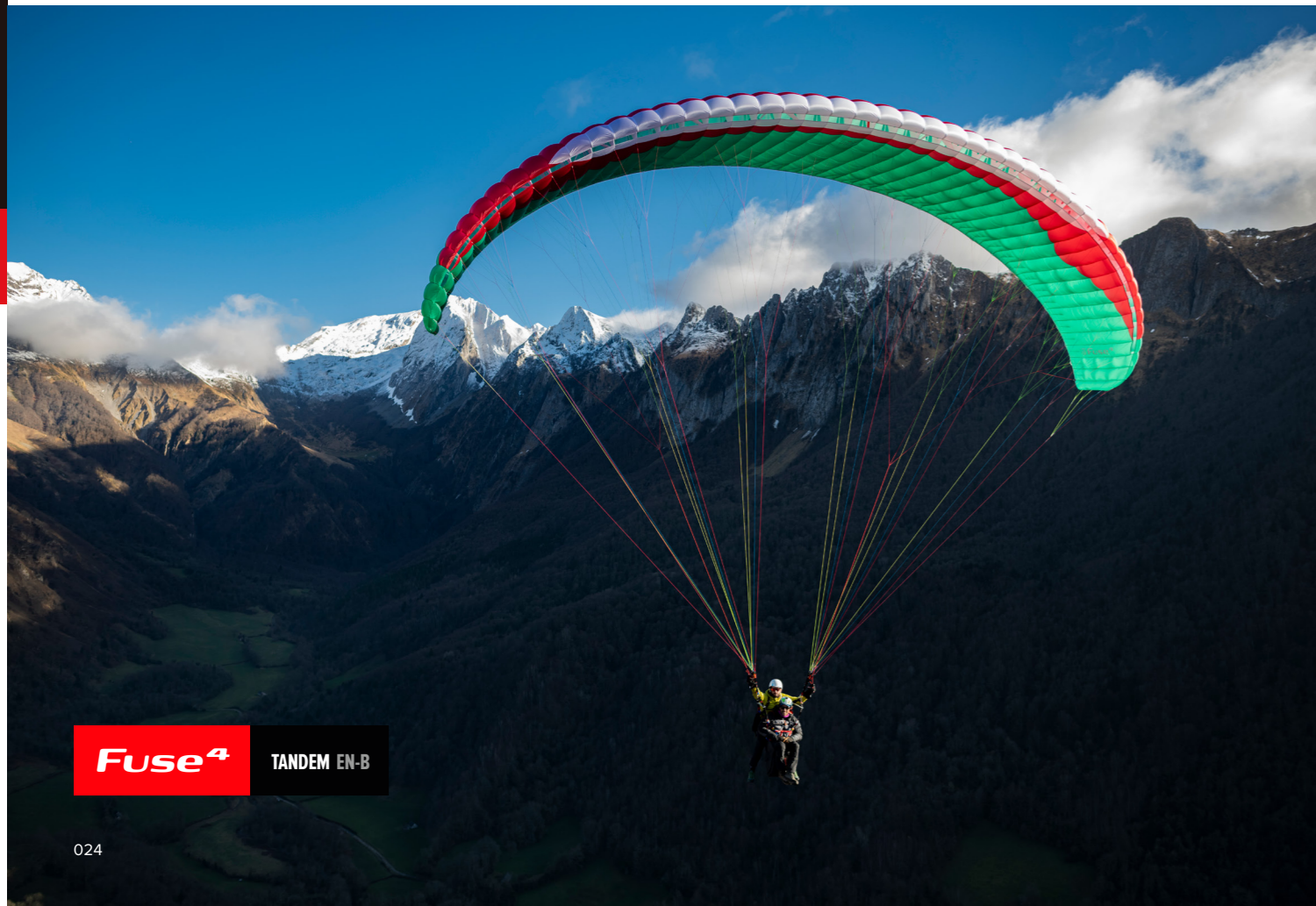


Repair kit



Download the images of the Fuse 4

Password: elcamino



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