

GARMENT CARE



Your SUMO 4 can be hand washed in cold water, or machine washed cold on a gentle cycle. Never tumble dry your SUMO 4. Hang dry in the shade.

CONTACT US

Please consider the following important points:

1. We designed, tested, and built your wingsuit.
2. Our job is to make sure that you fly as safely as possible, while having the most fun possible.
3. Our job is to help you understand, use, and progress in your suit.
4. Our job is to answer your questions, and we like our job.

For these reasons, we highly recommend that you contact US (SQRL) if you have any questions about any product that we make. We 100% guarantee that the information you receive from us will be more relevant, more accurate, and more thorough than anything you can find in facebook comments, internet forums, or even your DZ gear shop guru. So, again, call us. Email us. Together with your dealer & the local SQRL pros near you, we're here to help.

-All the Team at SQRL

www.squirrel.ws
fly@squirrel.ws
855-FLY-SQRL

THANK YOU FOR FLYING SQUIRREL!



SUMO 4

USER MANUAL

Congratulations on your purchase of a Squirrel SUMO 4 ("product"). By purchasing this product, you acknowledge that engaging in sky-diving, BASE jumping, parachuting, and "wingsuiting" is an inherently dangerous activity that requires training, proficiency, and skill. Use of this product may result in serious injury or death. Do not use this product without inspecting it and all of its components before each and every use. You acknowledge and agree that even when properly used, this product may cause serious bodily harm or even death. You, the purchaser, acknowledge and agree that this product is intended for inherently dangerous recreational purposes, and you assume all risk, responsibility, and liability whatsoever from any and all injuries (including death), losses or damages to persons or property arising from the use of this product sold by Squirrel, LLC to you, the purchaser. Squirrel is not liable for any special, consequential, incidental, punitive, or indirect damages or anticipated profits, however caused, in relation to the purchase and use of this product. In no event shall Squirrel's total liability to you, as purchaser, or your assigns, heirs, representatives, and other similarly situated persons, for all damages, losses, and causes of action exceed the purchase price paid by you, the purchaser, for this product. This product has been purchased by you "as is" and without warranties of any kind, either express or implied. To the fullest extent permissible pursuant to applicable law, Squirrel, LLC disclaims all warranties, express or implied, including, but not limited to, warranties of title and implied warranties of merchantability and fitness for a particular purpose.

PLEASE READ THIS CAREFULLY BEFORE DOING ANYTHING WITH YOUR NEW SUIT

BEFORE YOU BASE, SKYDIVE!

Every new suit that you fly will require a period of adaptation. Learn to fly your new equipment in the skydive environment, first. Even our most experienced team pilots need skydives to get comfortable in a new design. Please take your responsible progression seriously: skydive your SUMO 4 extensively before you BASE jump it.

The SUMO 4 is designed for tracking in the BASE and skydive environments.

Respect the limits of your abilities and progress slowly. Seek coaching and qualified instruction, and always maintain awareness of your surroundings. It is your responsibility to avoid collisions with other pilots, jumpers, parachutes, all air-traffic, and the planet Earth. Skydiving and BASE jumping are extremely dangerous, and complacency kills.

GEARING UP



The order is Jacket, Rig, and then Pants.

Put the jacket on first, then your BASE rig or skydiving rig. **Pants go on last.**

Your pants may feel large in the waist the first time you put them on. **This is normal.** The volume around the waist and seat area comes from the pants, and the waist is necessarily large. **SIMPLY CINCH THE WAIST ALL THE WAY TIGHT, USING THE BELT.** No matter how big you think the pants are, or how small you think your waist is, they will cinch tight around your waist if you adjust the belt properly. Contact us if you have any questions.

The beltline of the pants should sit nice and high, above your waist. Zip, Snap, Buckle, and Cinch the pants nice and tight.

At the ankles, fasten the velcro to be just a bit snug – there is no need for it to be extremely tight. Allow the calf area of the pants to “billow” over the velcro cuff.

Tuck the excess belt webbing into your waistband.



NO WOBBLE-SYSTEM



The NWS is optional. There are two attachment points. Position them on your leg where each sits comfortably. The velcro should be fastened snugly on your leg, but does not need to be extremely tight. When your pants are not being worn, you may choose to mate the hook and loop sides together to prevent the hook from “scratching” other parts of the pants.

VELCRO AND ZIPS



Close the velcro at your wrists and ankles. Triple check the pant zipper, making sure that the zipper is closed entirely and securely trapped by the ankle cuff Velcro, which should be closed snugly.



If you are jumping with massive boots, the ankle closure may not reach all the way around the top of your boot. In this case, close the ankle cuff around your ankle **above the boot-line**, and then pull the billow of the pant cuff over the top of your boot. If you have any questions then please contact Squirrel before use.

IMPORTANT NOTE REGARDING THE FIT OF YOUR SUMO

If you feel like your suit does not fit, for instance that the pants are too big, or the jacket is too tight, please do not despair. Please read the previous information very carefully before convincing yourself that your gear is wrong. Your pants will cinch tight enough, and need to be pulled quite high (like almost to your handles on your skydive rig). Your jacket does not inflate in the torso, and the arm chambers are sealed (try hitting them with a hair dryer on cool). Please read the manual and wear the suit as directed before contacting us with fit concerns.

IN FLIGHT

The SUMO 4 is a mid-volume tracking suit designed for beginner trackers. During your skydive training, we recommend that you fully master heading control, sink rate, maneuvers, instability recovery, and deployment before using your SUMO 4 in the BASE environment. Training is critical!

The SUMO 4 flies equally well with a narrow or a wide leg stance. Choose the leg width and position that is most comfortable for you.

As with nearly any freefall aid, de-arching will increase glide performance and arching will increase stability. It is not necessary to aggressively de-arch the SUMO 4 or to employ aggressive or complicated body configurations. Relax and let your torso lead the way, with your arms and legs providing balance and stability.

The SUMO 4's sink rate and forward speed can be easily adjusted through simple arm movements. The suit can be flown with palms up or palms down. Adjust your hand and arm level from waist to butt and higher as you get to know the suit. Any instability in the normal track position can be solved by relaxing and adjusting the level (height) of your arms. Glide performance comes through a combination of flattening or de-arching, and positioning your arms closer and lower on your body.

Generally, a feeling of instability indicates too-slow, too-flat, flight. If you suspect this might be the case, decrease your AoA (fly a little more “head-low”) **to increase your airspeed.** Most instabilities result from a too-flat angle, and a too-slow airspeed.