

Stay-in-the-wake®

Face Shield Hat

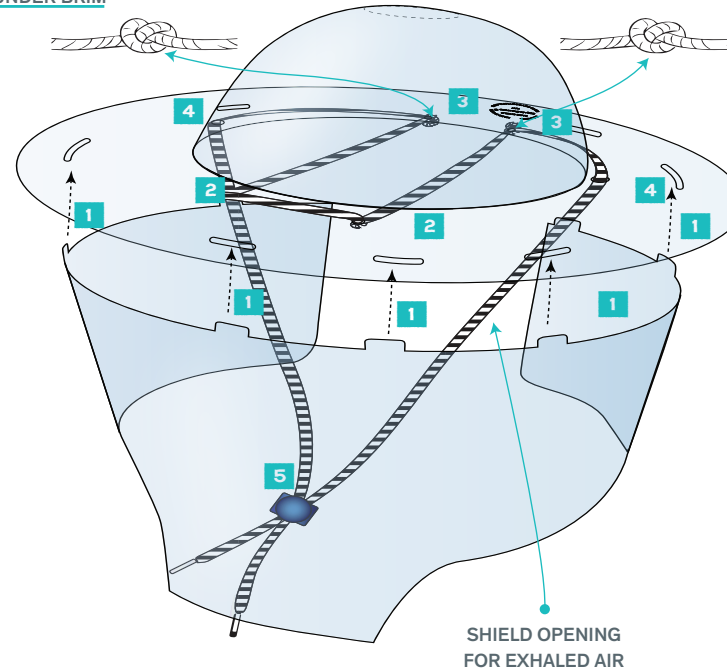
Easy Assembly Instructions

After peeling off the protective sheeting from the two components:

- 1** Snap fit the Face Shield to the Brim. To do so, first insert the leftmost tab of the FS into the corresponding slot of the Brim and continue inserting the tabs into the corresponding slots as you move rightward. Skip inserting the middle tab into the middle slot for now. Resume inserting the tabs into the corresponding slots as you move rightward. Now toggle the outside middle of the Brim until the middle tab snaps into the middle slot.
- 2** Insert the tipped ends of the hollow crown drawstring **DOWN** thru the 2 closely spaced holes in the Brim at the front of the crown and then **UP** thru the 2 closely spaced holes in the Brim at the rear of the crown. Allow enough slack so the drawstring portions under the crown droop ~ 1/2" below the plane of the crown opening and then mark them immediately below these 2 cord holes.
- 3** Temporarily withdraw the tipped ends of the drawstring from these 2 cord holes, tie simple overhand knots in them at the marked spots and then fully thread back up thru these 2 cord holes. Be sure the knots are big enough not to pull up through the holes.
- 4** Then thread the tipped ends of the drawstring **DOWN** thru the 2 holes at the opposite sides of the crown. Remove most of the slack.
- 5** Finally, thread the tipped ends of the drawstring thru the drawstring closure to cinch up to your chin when ready. As you can see, the drawstring is uniquely keeping the desired annular air gap between the top of your head and the crown as well as acting as a conventional chin strap.

Exploded View For Assembly Instructions

OVERHAND KNOTS
UNDER BRIM



Helpful Hint

To maximize the effectiveness of the FSH, do not put it on or take it off while inside the indoor venue; best do this when you are outside. If you know you will need to be inside for multiple hours, you should try to step outside for a couple minutes at the end of each hour to air out the FSH and then put it back on prior to re-entering the venue.

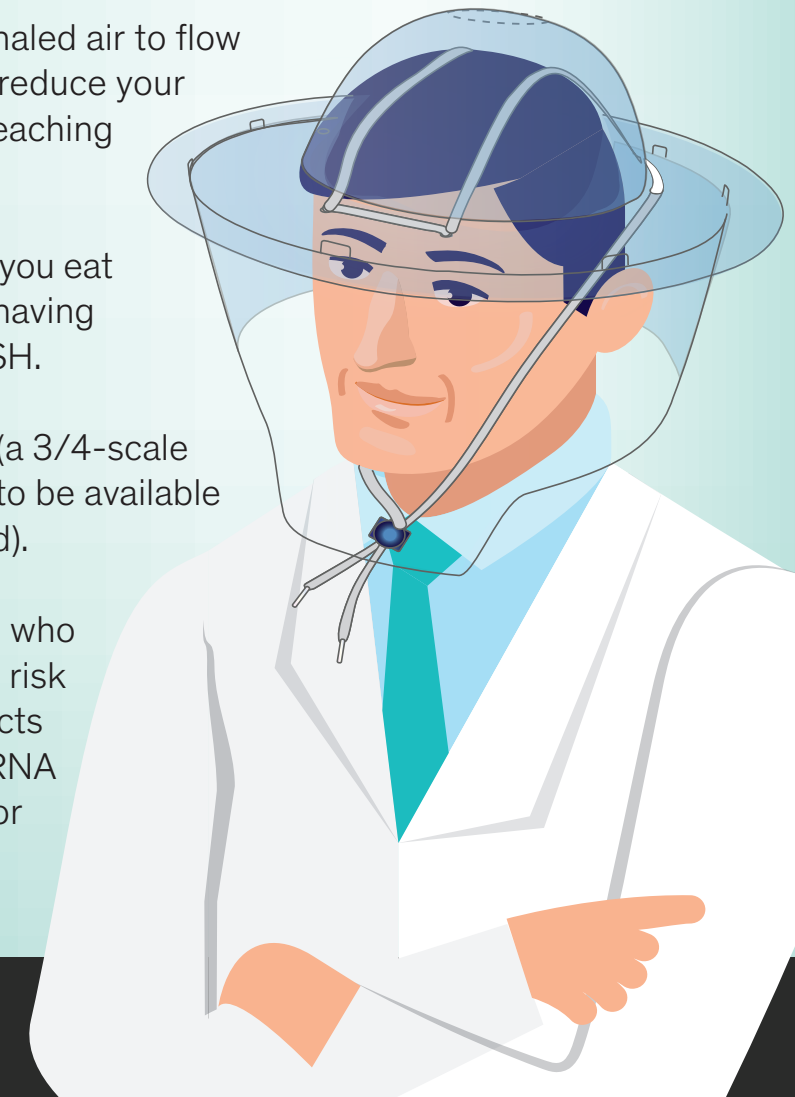
DISCLAIMER: No medical device manufacturer can guarantee that their product will keep you from getting Covid 19 (or any other virus). Our product, when used and maintained as directed, is designed to deflect up to 2x of the virus cloud, as conventional face shields and much less expensive in the long run.

Stay-in-the-wake®

Face Shield Hat Pat. Pend.

The STAY-IN-THE-WAKE® Face Shield Hat is designed to be the most effective, comfortable, non-claustrophobic PPE to deflect up to 2 x of any virus cloud as conventional face shields.

- Entrain your exhaled air to flow thru your hair to reduce your own virus from reaching others near you.
- Contoured to let you eat or drink without having to remove the FSH.
- Fits most adults (a 3/4-scale size for children to be available soon per demand).
- Great for anyone who does not want to risk serious side effects from the new mRNA Covid boosters, or flu vaccines.



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Face Shield Hat

MORE DETAILS:

A. Fogging of the face shield is easily prevented by dipping in warm water in your sink with a few drops of dish-washing detergent and letting drip-dry. You need only do this the night before your next day's use. Do NOT wash in dish-washing machine!

B. The outward-spaced wide 270 deg field of view of the face shield component allows plenty of room for all of today's various sized eyeglasses.

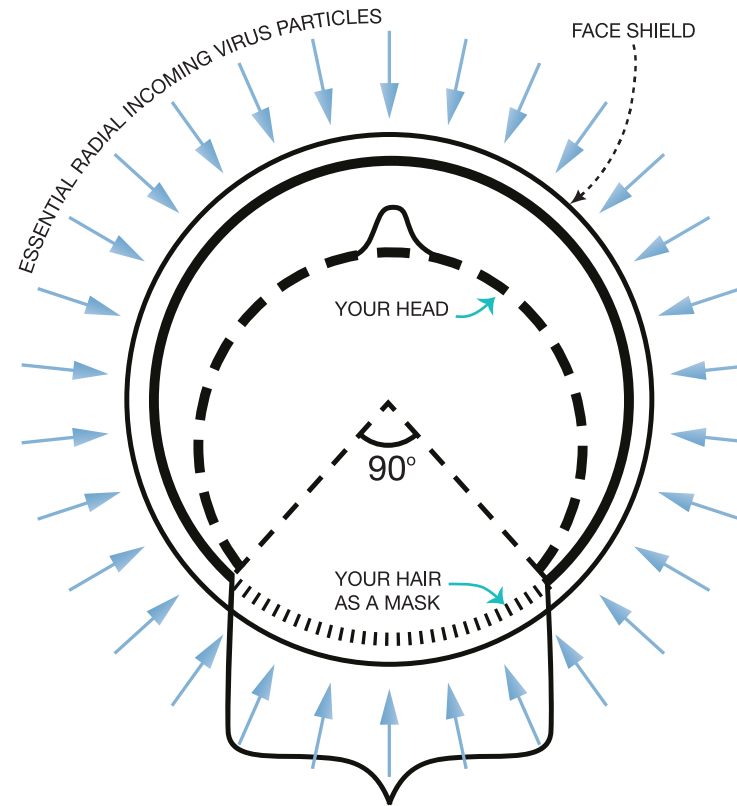
C. The latest nitty gritty on masks:

- 1 Cloth masks are now recognized as just mouth diapers and thus are worthless.
- 2 The new disposable N-95 masks do trap or deflect up to 95% of the impinging virus cloud, but should be taken off after the first hour to avoid dangerous buildup of CO2 in the blood. Also most folks wearing them report the uncomfortable feeling of hunting for breath.
- 3 The most popular powder blue disposable paper masks start out at deflecting or trapping up to 75% of the impinging virus, but rapidly downgrade to under 15% protection and thus need to be replaced hourly. For cost reasons, hardly anyone does this.

FOR THE TECHNICALLY INCLINED:
Since the FSH purposefully fits more loosely around your head than face-only masks, you might think it offers less protection from the virus cloud. This is NOT the case: To estimate what percentage of the virus cloud is deflected, we essentially need only consider the virus cloud particles actually approaching your head radially inward over 270 degrees in the horizontal planes. So the effective deflective rate ~ 75%. This can be effectively visualized by the diagram at the right. This is about twice as much as a conventional face shield only.

Also, it is important to see how the virus cloud is formed to understand where it is over time. Since it is not being introduced into a vacuum, it is not spread out evenly throughout the indoor space at any point in time. It starts when an infected person exhales. Since the exhalant starts out at 98 deg, it begins rising to the ceiling, being buoyed up by the air already there and the continuing new rising exhalant. This means the virus cloud will be less dense at lower elevations. This will be the case until the venue closes at the end of the day. So the virus cloud will not be significantly descending into the inhalable space until later in the day. This means you will be inhaling relatively rarefied virus cloud and correspondingly more clean air until later in the day. During the night, when the indoor space is closed to the public, the remaining virus cloud will finally settle to the floor, and this process will start over again on a daily basis. As far as your exhaled air is concerned, it is being entrained through several inches of your hair, which is trapping or deflecting most your own virus particles if you are already infected. Compare this to inhaling the virus cloud through the only ~ 1/16" wall of a conventional mask.

TOP VIEW FOR DEFLECTION PATTERN



Shield Opening For Exhaled Air

Just be sure to wash your hair whenever you shower at night. So the FSH, with its totally non-porous walls, will more than safely substitute for most of the masks currently being used by the public. You will appreciate the money you save, since the FSH is designed to last up to a full annual season with continuous use. And do not forget that Covid and other viruses can get into your bloodstream through your unprotected eyes, which the FSH would mostly prevent.

WHY KEEP A GOOD RUNNING STOCK OF THE FSH NOW?

Two main reasons:

- 1 Although the CDC is saying that the Covid 19 Pandemic is over, what is certain is that a new pandemic will strike when we are least prepared. When this happens, manufacturers will not be able to keep up with customer demand.
- 2 And although the CDC will likely be recommending the mRNA Covid boosters and Flu shots annually soon, more and more people will be hesitating to do so due to the much harsher possible side effects. So more and more folks will want to opt for the FSH when in enclosed public venues.