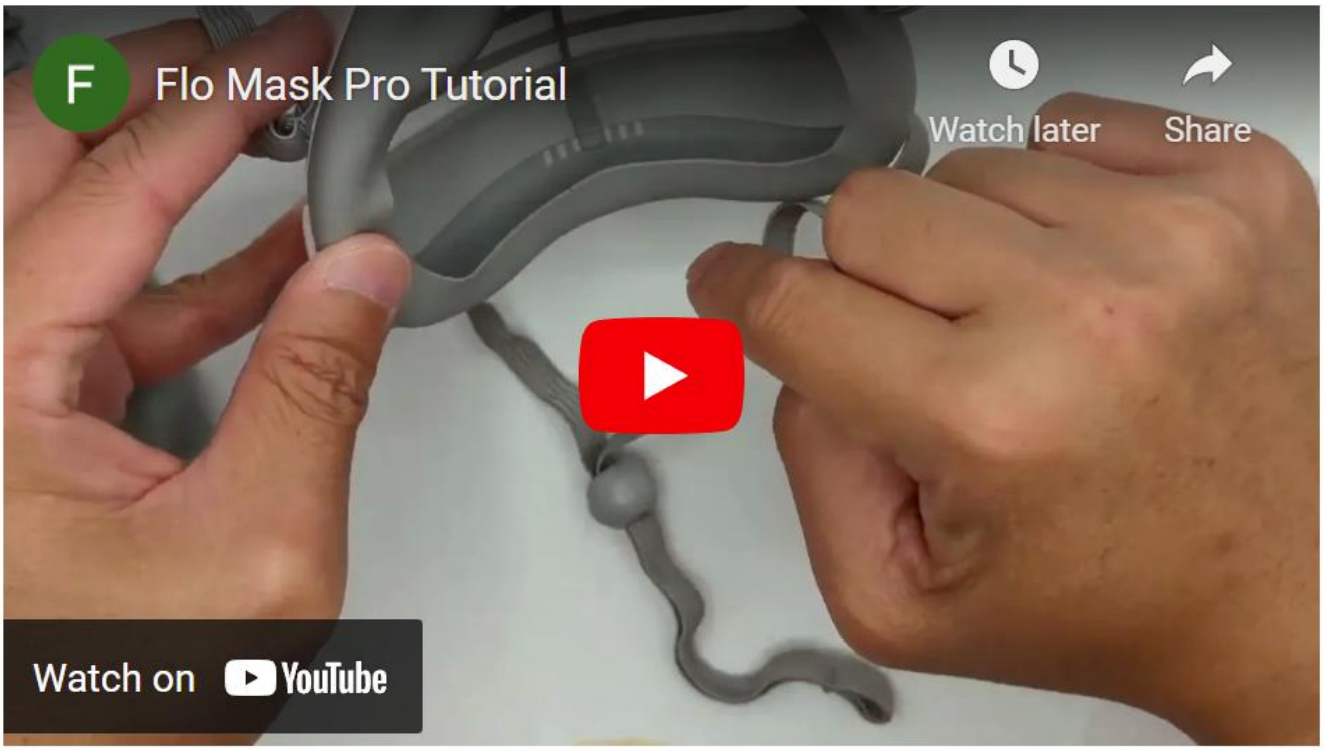
Latex allergy warning

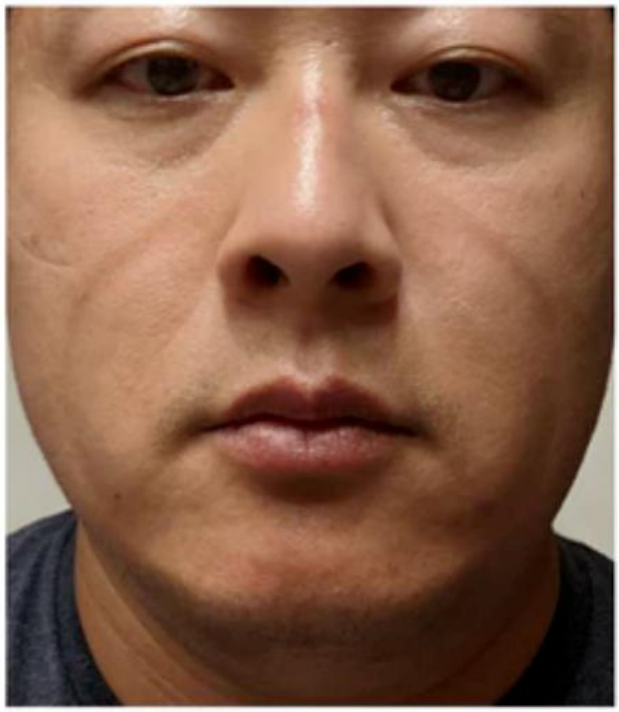
Please note that the Flo Mask straps are made of a material that contains natural latex. Folks who have skin sensitivity to latex should NOT use the default regular or halo straps.

Our friends at Flo mask are current experimenting with latex-free compositions for the straps (e.g., spandex), and may have latex-free straps available in 2023. In the meantime, folks with latex allergies are advised to create their own straps from latex-free elastic material obtained at any fabric store. A standard loop in the elastic will hook onto the clips on the sides of the Flo Mask.

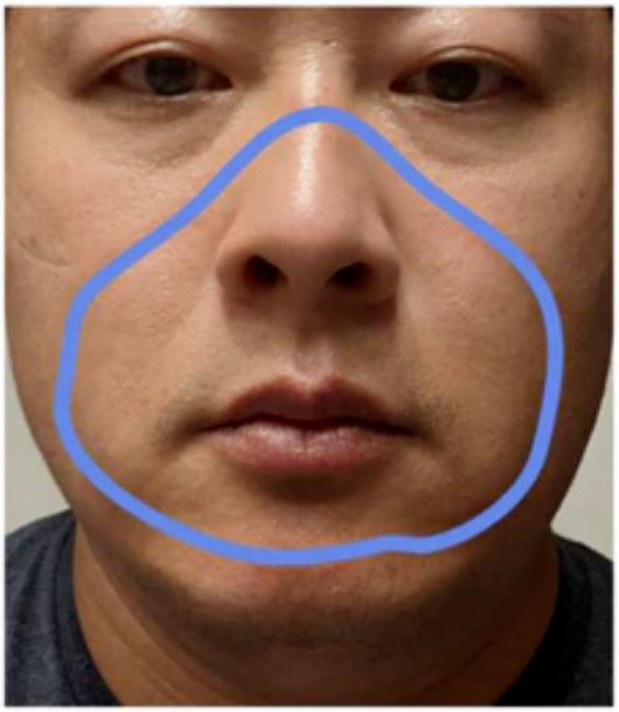
Tutorial

Getting started with Flo Mask Pro (for adults)
https://www.youtube.com/watch?v=UxIBumKaIXg





Silicone Gasket Imprint

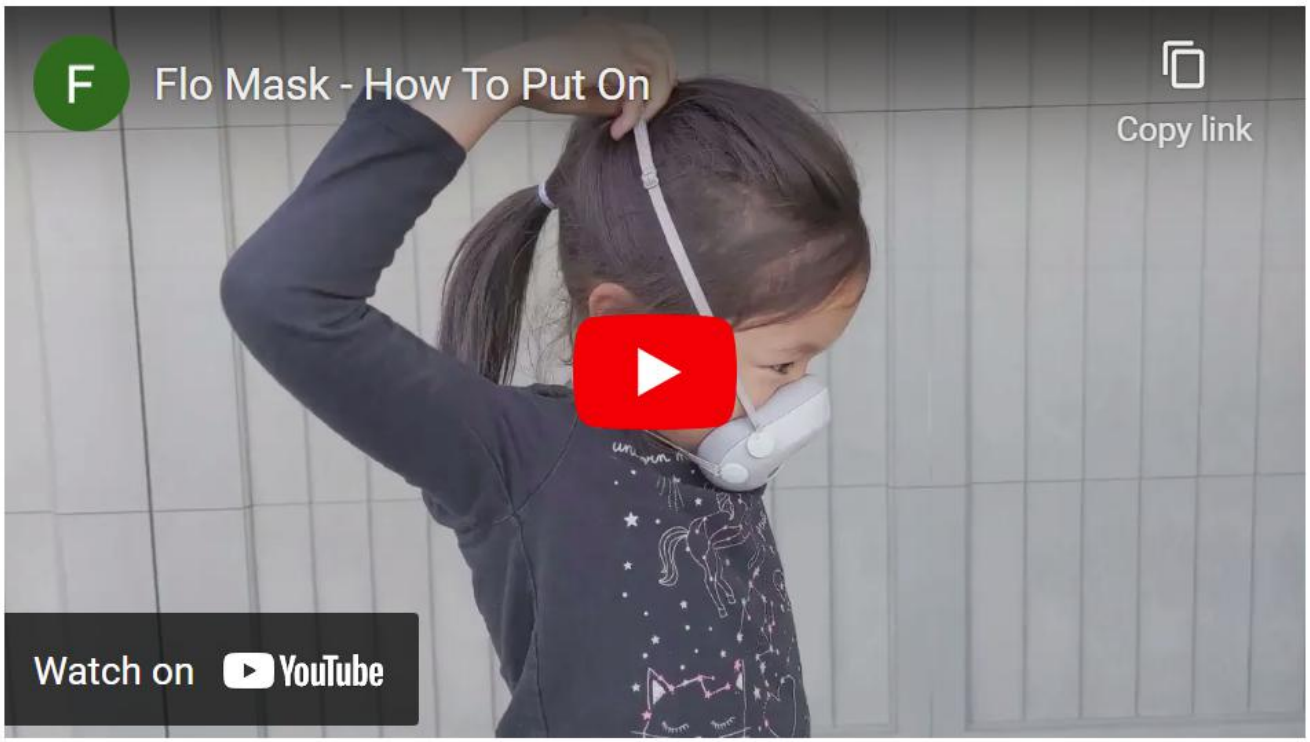


Ideal Mask Placement

Getting started with Flo Mask (for kids)

https://youtu.be/-2xTU-xuCeA

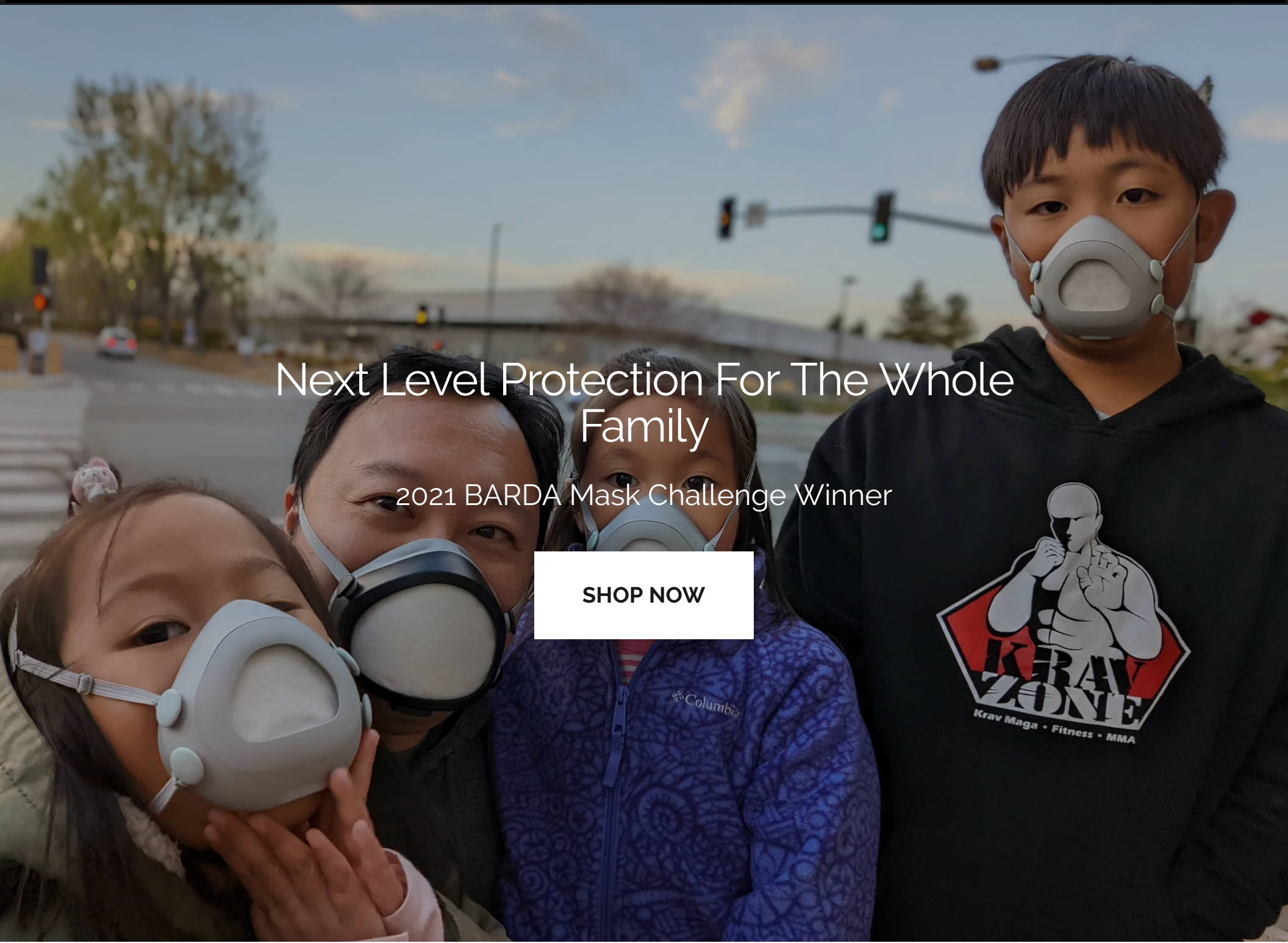
Donning Flo Mask (for kids)



https://youtu.be/kBIj-rVXZ5E

Tips for a better seal

- Use your hands (no straps) to hold the mask against your face to determine if you can obtain a good seal. If so, it'll be a matter of adjusting the straps to emulate the same pressure and angle.
- Over tightening the straps is a bit counter intuitive as it may cause the silicone to deform, so start looser and gradually increase the tension. The Halo Strap is an excellent top strap to hold the mask in place without the need for over tightening.
- Ensure equal tension/pressure for the top and bottom straps.
- If you have a tiny leak around the nose, try installing the optional condensation insert as the added resistance could help create more pressure against your nose. Keep the gasket in place by pulling the mask forward from your face and let it fall directly back, allowing the gasket to curl over the foam insert.
- If the leak is mostly on exhalation, try the Everyday Filter instead as the excellent breathability will reduce leaks around the gasket.
- Try wearing the mask for several minutes to allow the natural moisture of your skin and breath create a better seal.
- Consider moving the mask further down your nose as it will naturally be wider and potentially create a better seal.
- Think you got the wrong size? Contact us at breathe@flomask.com for assistance.


Next Level Protection For The Whole Family
2021 BARDA Mask Challenge Winner
SHOP NOW
KRAV ZONE
Krav Maga • Fitness • MMA
Columbia

Created by Award Winning Product Designers

We're a team of innovators from top Silicon Valley tech companies.

Loved by Thousands Around the World

Our masks are used by thousands globally. Every. Single. Day.

Proven Effective Filters, Always Made in the USA

Our cutting edge filtration media is made here in the USA.

Winner of the 2021 BARDA Mask Challenge

We beat out nearly 1,500 other competitors across the USA.

AS FEATURED IN

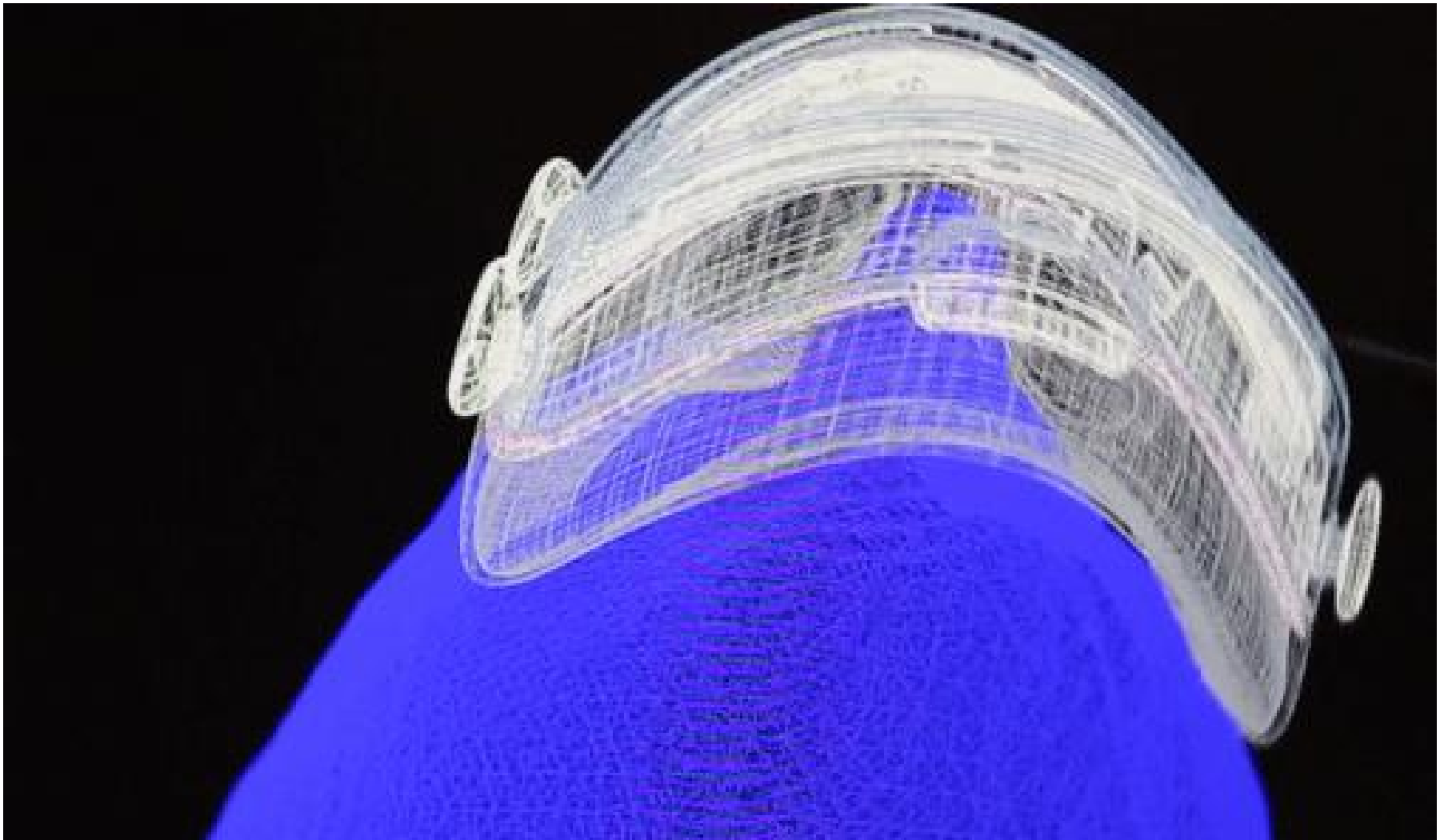
WIRED

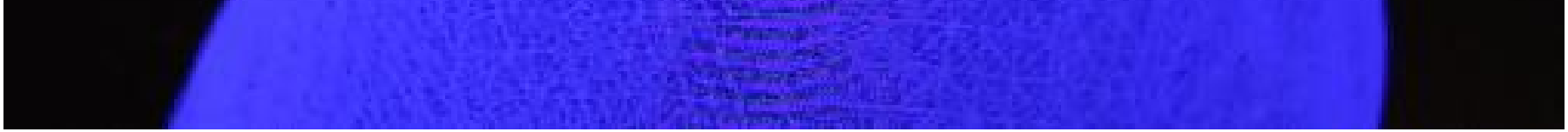
THE WALL STREET JOURNAL.
WSJ

CNN

Shhh...Flo Mask Secret Sauce!

It's no secret really. We're just not afraid to push the boundaries of what a beautifully designed, comfortable, and effective mask should be. We've obsessed over every detail to deliver a world class mask for your family, and ours.



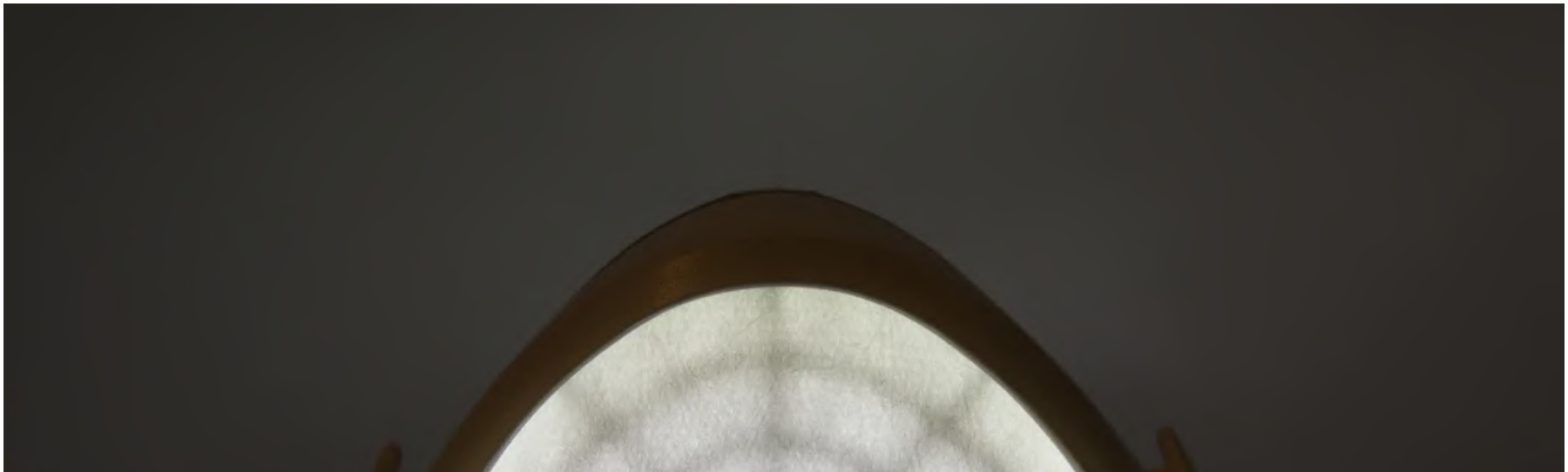


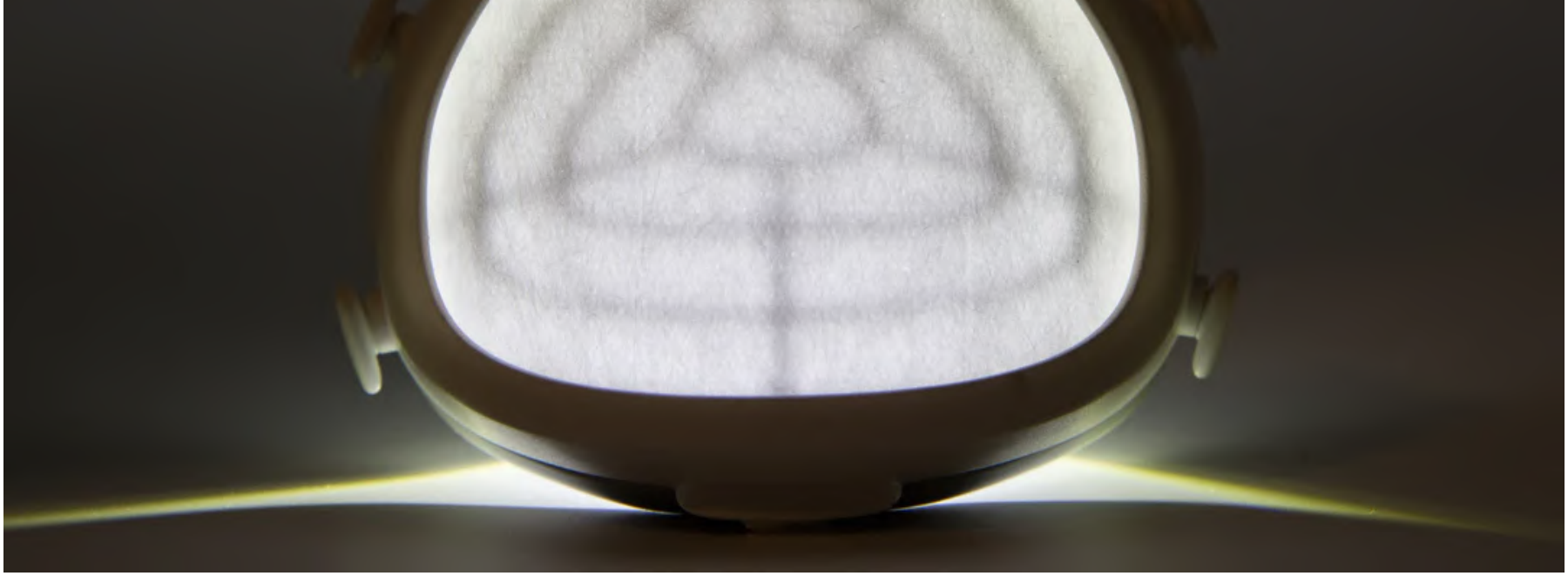
It starts with the right fit.

We've pioneered a new, innovative process in building next generation masks. Utilizing 3D facial scans of real kids and adults across multiple ethnicities, Flo Mask™ is optimized for a tailored fit and perfect seal. (Patent Pending)

We then focused on comfort.

Engineered with the latest advancements in manufacturing utilizing LSR (liquid silicone rubber), we've created a pillowy gasket that contours along the face for all day comfort.





Sub-micron filtration.

Flo Mask uses some of the most advanced filtration technology available, made here in the USA. Our filtration media filters particles smaller than one micron.

View our test report here.

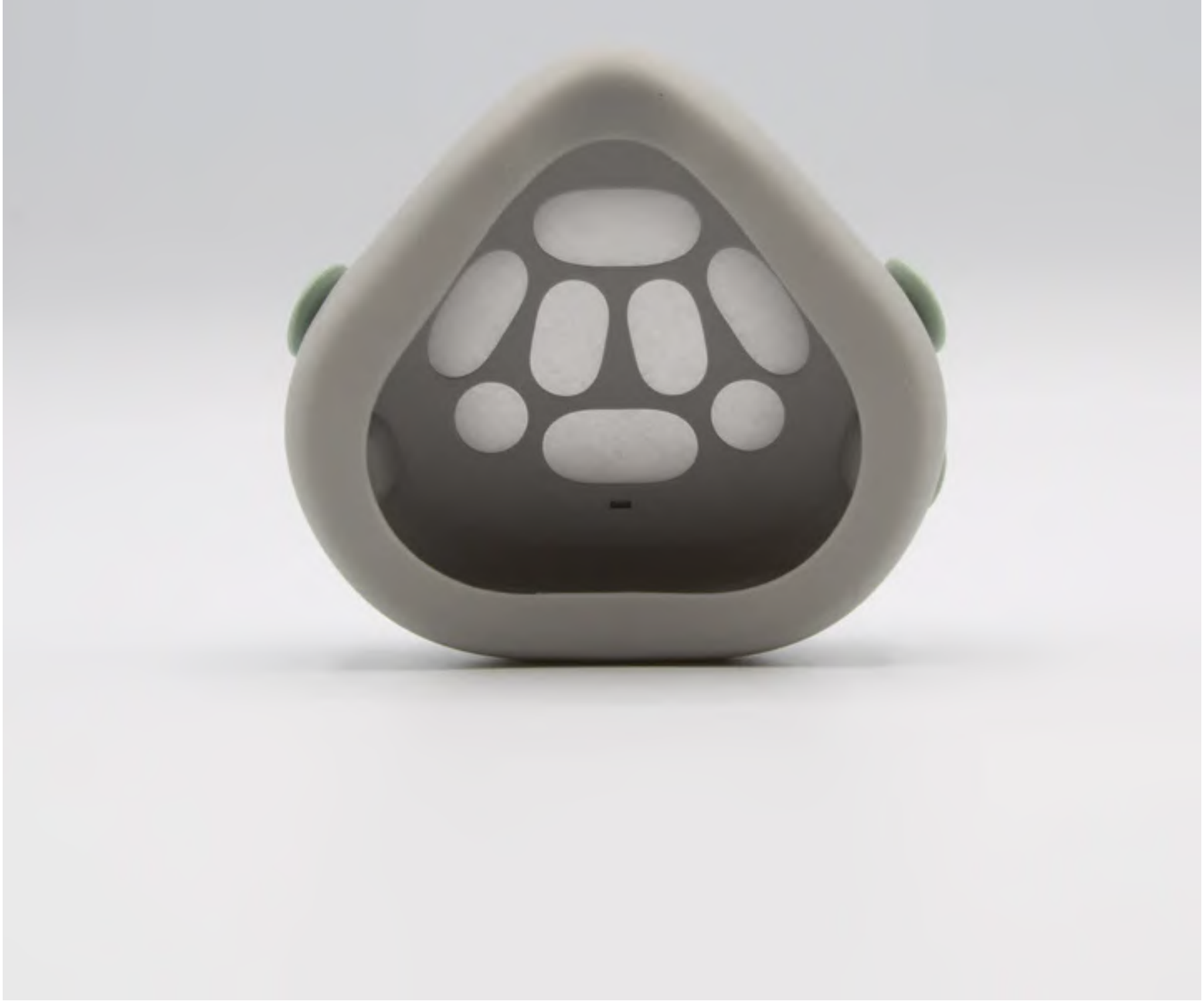
Flo Mask for Adults

It's time to upgrade your cloth mask.

Flo Mask for Kids

Ages 4 up to 12 years old.


BUY NOW
FLO
MASK




FLO

Flo Mask Test Report

4C Air
TESTING DEPARTMENT

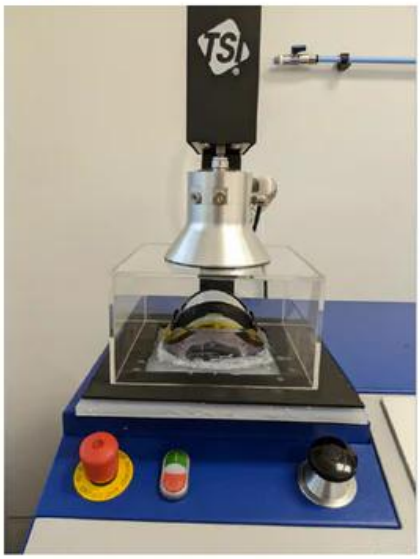
1147 Tasman Drive
Sunnyvale, CA 94089
testing@4cair.com
https://4cair.com

Sodium Chloride Aerosol Filtration Testing Report

Client: Air Flo Labs (Flo Mask)

Testing information: Three filters inserted in the Adults Flo Mask, and one filters inserted in the Kids Flo Mask were tested for initial filtration via a filtration efficiency test. Tests were conducted on an "Automated Filter Tester" 8130A (TSI, Inc.) using 0.26 µm (mass median diameter)/0.075 µm (count median diameter) NaCl as the aerosol source. The Adults Flo Mask was mounted on a fixture provided by the client and then sealed onto a plate. The Kids Flo Mask was directly mounted on a plate.

Images:



4C Air
TESTING DEPARTMENT

1147 Tasman Drive
Sunnyvale, CA 94089
testing@4cair.com
https://4cair.com

Initial filtration property:

Sample	Flow rate (L/min)	Efficiency (%)	Pressure drop (Pa)
Adults Flo Mask			
Everyday Filter (T150P)	85	94.81	58.7
Pro Filter (AP2T50P)	85	99.16	167.7
Everyday Filter (T150P)	32	99.12	20.5
Kids Flo Mask			
Kids Filter (T90P)	6.3	95.54	6.6

Completion date: 20220215

Tested by

W. Xiao

Reviewed by

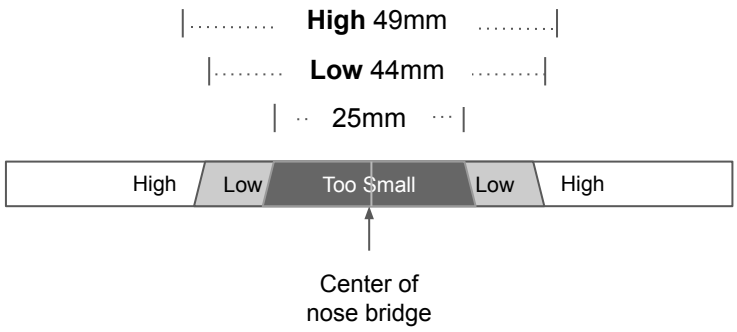
M. Zhao, Ph.D.

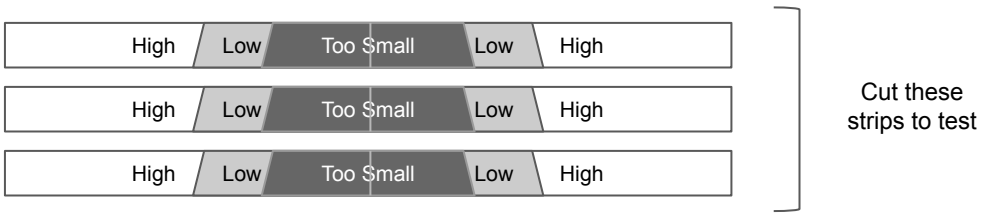
These results are only valid for the samples provided. The testing report may not be reproduced except in full.

Measuring your nose bridge for Flo Mask Pro

1. Print via **Adobe Acrobat Reader** only to ensure proper scale
2. Measure to verify the 25mm/44mm/49mm scale below is correct
3. Center the strip just under the bony part of your nose.
4. With index fingers, slide the strip until the edge of your nose.
5. Use your fingernails to mark the final measurement.
    a. **Too Small to use Flo Mask Pro:** Fingernails are within the dark gray zone
    b. **Low/Medium Size:** Fingernails are within the light gray zone “Low”
    c. **Medium/High Size:** Fingernails are within the white zone “High”

NOTE: This is just a tool to help estimate the fit. There are other factors such as height of nose bridge and how high or low you wear your mask that also impacts the overall fit of the mask.





Inclusive design with two sizes.

Size 1: Low/Med Nose Bridge

A lower nose bridge is common for those of Asian, Pacific Islander, and African descent. We've developed a size with a more shallow nose curvature to ensure a perfect fit.

Size 2: Med/High Nose Bridge

A higher nose bridge is common for those of European and Hispanic descent. Our larger size has a more generous curvature for those with a taller bridge.

Not sure what size to choose?

Use our nose bridge print out tool **here** (to ensure accurate scaling, please print directly from Adobe Acrobat).

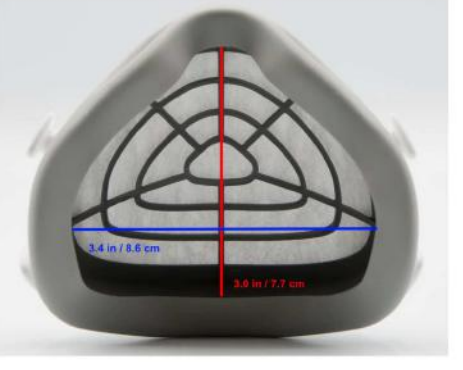
A proper fit.

A unique shape for 90%+ of adults

Our mask dimensions are sized to fit over 90% of the world's adult population. Please verify your nose bridge (starting just below the bony part) to chin (center) distance is at least 3 inches.

The ~10% outliers

Flo Mask Pro may be challenged to fit those with: Roman shaped nose bridges, sharp/narrow nose bridges, narrow face, or small face size (short nose to chin). **Note we do not allow returns as we do not sell used items, so please check your measurements prior to ordering.**



Two filter options for all your needs.

Pro Filter
Utilizing next generation filtration technology, our Pro Filter line has been tested to filter over **99% of sub-micron particles** for when you need the very best we offer. Each Pro Filter is rated for up to 40 hours of use*.

Everyday Filter
Sometimes, breathability is just as important. Our Everyday Filter line offers nearly **3x the breathability**, while still achieving **95-99% filtration efficiency**, allowing you to go about your daily activities with confidence. Each Everyday Filter is rated for up to 20 hours of use*.

View our test report **here**.

Filtration Media	Flow Rate (L/min)	Filtration Efficiency	Pressure Drop (Pa)
Pro Filter	85	99.16%	167.7
Everyday Filter	85	94.81%	58.7
Everyday Filter	32	99.12%	20.5

Note: Independent lab tests performed by 4C Air on a TSI 8130A; mass mean diameter particle of 0.26 µm

Estimated Minute Ventilation

- Resting (sitting at desk): **8-12 L/min**
- Light Exercise (walking): **12-20 L/min**
- Moderate Exercise (weight lifting): **20-40 L/min**
- Heavy Exercise (running/cycling): **40+ L/min**

*Filtration rating under normal air quality conditions. Replace more frequently under poor air quality conditions or for better breathability.

TECHNOSTAT ELECTROSTATIC FILTER MEDIA

Wherever air filters are needed to protect users against hazards ranging from pollen to pollution and fine airborne contaminants, Technostat media is a must. As the innovative materials leader, H&V sets the standard for efficiency, performance, and longevity.

Technostat® electrostatically charged air filter media is the material of choice for technical and purchasing managers in filter manufacturing plants worldwide.

We choose the finest materials available and manufacture them under the highest standards. The results are widely acknowledged as the best quality and performance in the air filter media world in terms of cleanliness and most precise attention to customer requirements.

Our customers report that H&V delivers the industry's finest support and greatest ease of doing business, which help make Technostat the leading choice in air filter media.

Superior performance. When it comes to filtration efficiency, dust-holding capacity, low airflow resistance, and effective shelf life, there's almost no comparison. Technostat is proven to perform twice as well as and to maintain a significant performance edge over other media leaders.

Dedicated collaboration. Unlike other materials manufacturers, we collaborate closely with our customers to formulate and manufacture the specific air filter media needed.

Wide use. Technostat provides outstanding performance in applications such as respirators, vacuum cleaners, medical applications, vehicle cabins, and heating/ventilation/air conditioning (HVAC) uses in both residential and industrial capacities.

Unsurpassed experience. Technostat is the product of H&V's deep knowledge of and unequaled experience in materials technology. Established in 1843, Hollingsworth & Vose Company has supplied specialty, industrial, and technical papers and nonwovens for more than 165 years.

Technostat benefits

- High sub-micron efficiency
- High dust-holding capacity
- Extremely low pressure drop (airflow resistance)
- Stable shelf life

Hollingsworth & Vose

Ideal Applications

Respirator. Low airflow resistance means users breathe more easily through masks using Technostat media. Applications include filtering face pieces, molded or flat disposable models, cartridge/canister filters, and bags for powered helmets. Technostat materials meet all major respirator standards.

Vacuum. Today's powerful vacuum cleaners demand Technostat performance, washability, and durability in their primary filters. This material's low airflow resistance is also ideal for secondary filters. And its minimum 5-year charge-holding capability means longer life for any filter.

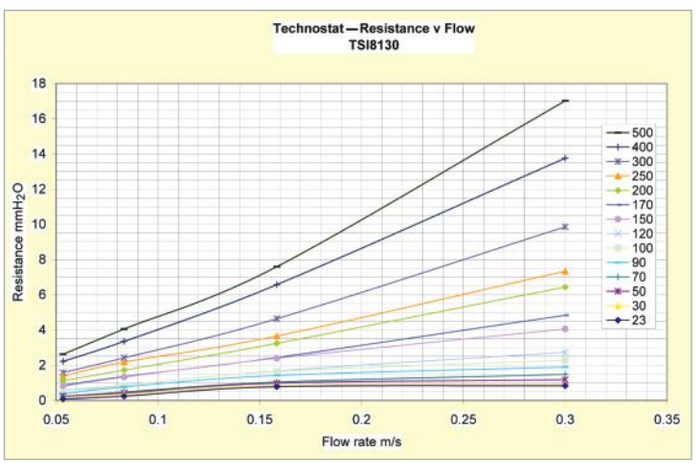
Cabin. Technostat's high efficiency and low airflow resistance maximize passenger protection while minimizing fan size and workload. The material also helps decrease engine demand (and thus fuel consumption) while boosting efficiency in cars, commercial and agricultural vehicles, trains, and aircraft.

Medical. The unsurpassed efficiency of Technostat media at removing sub-micron particles makes it the first choice in hospitals and clinics for respiratory support filters. Nothing else removes bacteria as effectively from medical environments and patient-equipment airways.

HVAC domestic. Technostat's low airflow resistance and excellent clean air delivery rating (CADR) help reduce fan size, energy use, and noise in portable and central air conditioning plus central heating filters. Technostat may be laminated to meltblown or mesh material for pleatability.

HVAC industrial. Air filtration and conditioning equipment in factories, office buildings, and retail environments can maintain smaller fan sizes and longer periods between filter changes with low-airflow-resistant Technostat.

Technostat Specifications



Hollingsworth & Vose

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