ViriMASKTM Protective Ocular-Respirator

FACE MASK WITH VISOR

Instructions for USE

www.ViriMASK.com

COMPONENTS

Catalog Number	Product	Color
VM-MASK-L-RD	Large ViriMASK [™] Kit (Mask Frame and Visor,	Red, Blue, or Beige
VM-MASK-L-BL	2 ViriMASK [™] V60 Filters, and Head Straps)	
VM-MASK-L-BG		
VM-MASK-M-RD	Medium ViriMASK [™] Kit (Mask Frame and Visor,	Red, Blue, or Beige
VM-MASK-M-BL	2 ViriMASK [™] V60 Filters, and Head Straps)	
VM-MASK-M-BG		
VM-Filter_5-RD	Set of 5 ViriMASK [™] V60 Filters	Red, Blue, or Beige
VM-Filter_5-BL		
VM-Filter_5-BG		
VM-RM-100-RD	Replacement Head Straps	Red, Blue, or Beige
VM-RM-101-BL		
VM-RM-102-BG		

Applicable Standards:

- ASTM F2100 Level 3
- EN 14683:2019 Type IIR Barrier Protection

Kindly keep this Instructions for Use Manual for future review.

ViriMASK[™]

ViriMASK[™] - GENERAL INFORMATION

When used according to instructions, the **ViriMASK**[™] **Protective Oculo-Respirator** is designed to prevent certain airborne contaminant particles from reaching the respiratory system and the eyes of the person wearing it. It will also prevent the wearer from emitting such contaminants.

ViriMASK[™] is designed to be worn by healthcare personnel to protect both the patient and provider from transfer of microorganisms, viruses, body fluids, and particulate material.

ViriMASK[™] is designed to be worn comfortably for as long as necessary. **ViriMASK**[™] **V60 Filters** are guaranteed to maintain their protective abilities for 60 hours of use. A Filter Cover is provided to cover the **ViriMASK**[™] **V60 Filter** when not in use.

When ViriMASK[™] is used correctly, the wearer will feel no noticeable change in breathing ability.











WARNINGS

The ViriMASK[™] significantly reduces user exposure to certain airborne particles. Misuse may result in sickness or death. Please review this *Instructions for Use Manual*, or contact ViriMASK[™] Customer Support (USA Phone: +1(866) 503.1470 / SUPPORT@virimask.com) for instructions.

- ViriMASK[™] must be properly assembled in order to ensure proper function.
- Improper fitting of **ViriMASK**[™] may result in leakage of contaminated air, leading to sickness or death.
- Improper cleaning of the Mask after use may result in contamination.
- The ViriMASK[™] V60 Filter only prevents the entry and emission of particles. It will not block gaseous chemicals or odors of any kind.
- ViriMASK[™] V60 Filters are guaranteed for 60 hours of use time. If used longer than that, the Filter will not lose its effectiveness, however, its resistance to air flow may increase, leading to more difficult breathing.
- The ViriMASK[™] V60 Filter uses HEPA H14 filter material, which is delicate and brittle. Do not touch with fingers or instruments. Keep the Filter covered when not in use.
- If facial hair prevents passing of the *Fit-Test*, do not wear because the Mask cannot seal the face.
- Do not use if your face is deformed or irregular. Contact us at SUPPORT@virimask.com for help.
- Do not use if facial skin is broken or irritated.
- Do not assume air in your immediate environment is safe to breathe without protection. Contaminates may be clear and odorless. Please comply with the mandates and directives of the authorities in your area and/or workplace.
- If you smell foul odors while wearing the ViriMASK[™], do not assume that you are protected against those odors, which may be dangerous to your health or life. Check with proper authorities.

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INSPECTING YOUR MASK & FILTERS

ViriMASK ™ Kit				
Component	Description			
Mask Frame	Clear Tritan® Visor and Respirator with soft seal.			
2 ViriMASK [™] V60 Filters with 2 Filter Covers	The Filter Cover has a center hole for performing the <i>Fit-Test</i> . It also protects the ViriMASK™ V60 Filter . Remove before wearing the ViriMASK [™] .			
2 Filter-Disposing Bags	Sealable Filter-Disposing Bags for safe disposal of ViriMASK™ V60 Filters after use.			
Head Straps	Blue, Red, or Beige.			
Instructions for Use Manual	Read before using the ViriMASK ™.			

INSPECTING YOUR MASK & FILTERS

ViriMASK [™] V60 Replacement Filters Pack				
Component	Description			
5 ViriMASK™ V60 Filters	ViriMASK [™] V60 Filters - Blue, Red, or Beige.			
5 Filter Covers	Filter Covers protect ViriMASK[™] V60 Filters and are used to perform <i>Fit-Test</i> . Remove before wearing the ViriMASK[™] .			
5 Filter-Disposing Bags	Sealable Filter-Disposing Bags for safe disposal of ViriMASK™ V60 Filters after use.			
Instructions for Use Manual	Read before using the ViriMASK ™.			

WEARING THE ViriMASKTM

Before using the **ViriMASK**[™], please read this *Instructions for Use Manual* and keep it for future review.

- Remove packaging from the ViriMASK[™] and its components. Do not remove the Filter Cover yet.
- Identify the Head Straps and lay them on a flat surface.

Start with the top (forehead) Strap. Insert the end of the Strap into the slot in the center top of the Visor. The Strap end should be inserted into the slot from bottom to top. The Straps have fasteners already in place with the lift-bar facing backwards (away from the Mask). Pass the end of the Strap through the pull ladder in the reverse direction (up and down). Repeat this process with the three other Straps. The fifth Strap has a buckle on it.

Begin adjusting the Straps by placing the Mask on your face. (Remove your eyeglasses if you wear them.) Your mouth and nose should fit into the triangular compartment below the Visor. Hold the Mask to your face and adjust the Straps. This is done only the first time you use the Mask, so tighten the Straps evenly.

Once you have your Mask adjusted to your head, simply open the buckle on the left bottom side to don or remove the **ViriMASK**[™].

NOTE: A mirror or selfie photo may make it easier to adjust the Mask to your face.

The Mask should fit snugly to your face without causing discomfort. It should be just tight enough to pass the *Fit-Test*.

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THE FIT-TEST

When you have adjusted the Straps and donned the Mask, perform the Fit-Test.

- With the Mask on your face and the Straps adjusted, block the hole on the front of the Filter Cover with your finger. Attempt to breathe in: the Mask will tighten to the skin. Then, with your finger still in place, attempt to breathe out. Some air may escape past the seal, but you should feel some resistance.
- Remove the Filter Cover after the *Fit-Test* for use of your ViriMASK[™].

If the Mask doesn't tighten to your face, or no resistance to blowing is felt, refer to the *Troubleshooting* Section.

ROUTINE USE & MAINTENANCE

You may wear the **ViriMASK**[™] as long as you wish.

The **ViriMASK**[™] **V60 Filters** should be replaced after every 60 hours of use, or once a week if the **ViriMASK**[™] is used full-time. If used sporadically, you may want to keep a log of use. In such cases, we recommend removing and replacing the **ViriMASK**[™] **V60 Filter** once a month.

To replace a Filter, insert a **ViriMASK[™] V60 Filter** into the face of the Mask by sliding it from the front of the Mask until it snaps into place. There are no functional differences between Filters of various colors.

A brief spray of breath freshener into the Mask is helpful to control halitosis.

To clean, please see the *Cleaning and Storing the ViriMASK*[™] Section.

The **ViriMASK**[™] can be worn with contact lenses. Eyeglasses may not fit inside the Mask Visor. If necessary, use corrective lenses when driving with the **ViriMASK**[™].

Remove the **ViriMASK**[™] only in a safe environment.

Each time you replace the **ViriMASK**[™] **V60 Filter**, repeat the *Fit-Test* to verify proper Filter seal, then remove the Filter Cover for use.

After removal, always inspect the Mask for damage. Do not use if any damage is found.

While the Mask is durable, do not abuse it because the ViriMASK[™] V60 Filter is fragile.

When not in use for a period of time (several days), please store the **ViriMASK**[™] in its box to reduce exposure to UV light.

Discard expired Filters by placing a **ViriMASK**[™] **V60 Filter** and its Cover in a Filter-Disposing Bag. Lock and seal the bag, and dispose properly.

CARE OF FILTERS

Replacement ViriMASK[™] V60 Filters are packaged in a box with their Covers. Store them in the same box. No other maintenance is necessary. Use only ViriMASK[™] V60 Filters.



CLEANING & STORING THE ViriMASK[™]

Clean and store your ViriMASK[™] properly by following these instructions.

CLEAN BY WASHING WITH WARM WATER & DISH WASHING DETERGENT

- Do not clean the **ViriMASK**[™] with caustic cleaning agents.
- Place the Filter Cover on the Filter and remove the Filter from the Mask Frame. Never submerge the **ViriMASK™ V60 Filter** in any solution.
- Submerge the Mask Frame and Visor (single part) into the warm waters and dish washing detergent solution. Gently wash the Mask, removing any debris.
- Rinse the Mask and Visor with clear water at room-temperature.
- Towel off excess rinse water and allow the Mask to air-dry.
- Do not place any ViriMASK[™] parts into an electric dryer. Do not blow-dry the ViriMASK[™].
- Wash hands after cleaning the ViriMASK[™].

WIPING THE ViriMASK[™] WITH DISINFECTANT

- Use 70% isopropyl alcohol or other similar safe disinfectant. Apply with a soft cloth, cotton ball or swab.
- Place the Cover on the Filter to protect the delicate filter material from the disinfectant. Do not wipe the white HEPA filter material with anything. Wipe only the outside **ViriMASK[™] V60 Filter** housing and Cover.
- Wipe inside and outside the Mask Frame and Visor, including where the Mask touches the face.
- Air-dry the ViriMASK[™] after wiping.

NOTES:

- Do not sterilize **ViriMASK™** with pasteurization, steam autoclave, or ethylene oxide.
- *if you wear protective gloves to clean and/or wipe the* **ViriMASK**[™], *remove and replace contaminated gloves following the cleaning procedure.*

TROUBLESHOOTING

Check that the **ViriMASK[™] V60 Filter** is completely and correctly inserted into the Mask. There should be no gaps between Filter and Mask.

- Check that the Mask is intact.
- Check that you are wearing the correct size. There are two sizes: Large, which fits most men, and Medium, which fits most women.
- For the *Fit-Test*, check that the Filter Cover sits snugly on the Filter.
- Check that you are blocking the hole in the Filter Cover with your finger during the *Fit-Test*.
- Check that your facial hair (if any) does not interfere with the seal.
- Check that the Straps are tight enough. If you feel you need to overly-tighten the Straps, you may be wearing the wrong size.

When removing the Filter you may feel some resistance. This is because it must fit snugly in the Frame.

If you experience difficulty breathing while wearing the ViriMASK[™], first replace the Filter.

All personal respirators impose two kinds of loads on breathing; pressure (resistance) load and CO₂ load.

The **ViriMASK**[™] resistance to breathing is very low. However, it will increase over time as the HEPA filter becomes clogged with environmental particles (e.g. pollen, smoke, droplets etc.). Replacing an expired **ViriMASK**[™] **V60 Filter** with a new one should resolve this problem.

All masks also increase re-breathing a small amount of air (meaning that some of the exhaled air of a breath is inhaled in the subsequent breath). This causes CO₂ to increase. The human body normally compensates for this by very slightly and unnoticeably increasing the volume of each breath. If you have difficulty breathing through a fresh **ViriMASK™ V60 Filter**, gradually acclimate to it by wearing it for increasing lengths of time. People with significant lung or heart diseases may have difficulty increasing their breathing volume. Therefore, if you still have difficulty, please consult your healthcare provider.

The **ViriMASK**[™] lens is optically neutral, meaning that it is exceptionally clear, while providing no vision correction.

If you need visual correction, the ideal solution is to use contact lenses.

If the Strap of your **ViriMASK**[™] presses on your hearing aid, arrange the Straps so one is above the ear and the other is below the ear on each side. Then adjust the top, forehead Strap to help pull the upper side Straps above the ear.

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WARRANTY & ADDITIONAL INFORMATION

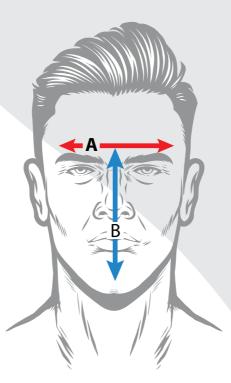
ViriMASK Ltd. warrants the ViriMASK[™] and filter product to be free from defects in material and workmanship. In the event that products prove upon inspection, to contain defects in material or workmanship, ViriMASK Ltd. will replace defective product or refund the buyer, at the option of ViriMASK Ltd.

ViriMASK Ltd. reserves the right to change products and specifications without notice.

Store in cool, clean, dry place. Avoid excessive heat (over 40°C or 104°F).

Specifications				
Component	Description			
Parameter	ASTM F2100:19	EN 14683:2019		
Parameter	Level 3	Type IIR		
Bacterial filtration efficiency (BFE), (%)	≥ 98			
Virus filtration efficiency (VFE), (%)	≥ 98	NA		
Differential pressure	<6.0 mmH ₂ O/cm ²	< 60 Pa/cm ²		
Splash resistance pressure	160 mmHg	≥ 21.3 kPa		
Microbial cleanliness (cfu/g)	NA	≤ 30		

ViriMASK[™] SIZING



- 1. Measure the width of the forehead just above the supraorbital ridge (above the eyebrows). (A)
- 2. Measure the length of the face from line (A) above the eyebrows to the point just above chin (gingival line). (B)
 - If A is below 145 mm **OR** B is below 150 mm, use Medium.
 - If A is above 145 mm AND B is above 150 mm, use Large.
 - If A is below 130 mm OR B is below 130 mm, contact support (support@virimask.com) for advice.

ViriMASK[™]

REGULATION: (EU) 2016/425 CATEGORY I PPE CE Mark

Standards Considered: ASTM F 2100 - Level 3 Barrier Protection EN 14683:2019 - Type II R PARTICLE FILTERING MASK EN 149:2009 FFP3 R

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