

# Self-Disinfecting Anti-Viral Masks Are A Game Changer In The Fight Against Covid-19

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EINPresswire.com/ -- According to Public Health guidelines nationally and globally, the efficiency and effectiveness of a mask or face covering depends on the materials used, filtration rates how they are made, breathability and most importantly how well it fits. These are key factors to consider when choosing face coverings that can help prevent the spread of Covid-19.

In October, [ReusableGuard.com](https://www.ReusableGuard.com) – a Canadian online store that is dedicated to offer certified reusable anti-viral PPE – introduced the FineGuard Comfort as a sustainable reusable mask that replaces over 300 single-use masks. The FineGuard mask offers filtration that blocks 95%-99% of airborne particles > 2.5 to 3 microns and is powered by a technology that is globally certified and tested to destroy viruses, including Covid-19, on contact.

3 µm Filtration

Fitted & Odor-Free

www.ReusableGuard.com

Feasible

Reusable

Anti-Viral

Washable

TESTED

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Najib Faris, founder and CEO of [Mabata](https://www.Mabata.com) Inc. / ReusableGuard said: "The FineGuard masks made their international debut in other market earlier in April of 2020. With the second wave starting to cast its shadow on our communities, we worked collaboratively with our partners to make these products available to individuals across Canada, through our new online store, in order to support our communities' safety and the wellbeing of our families, neighbors, and friends." He added: "Self-disinfecting anti-viral masks are a game changer in the fight against covid-19. Our

company is committed to continue expanding our portfolio of world-class certified reusable PPE to promote safety and sustainability in these unprecedented times.”

The FineGuard Comfort blends breathability and protection into an efficient mask that serves to protect the person wearing it as well as people around them. The mask features 4 layers of protection, adjustable straps that provide a just-right fit and a self-disinfecting fabric that continuously keeps the mask safe-to-use for prolonged periods. Depending on amount of use, the mask, on average, lasts one year and only require to be washed once a week with cold water and mild soap.



The FineGuard masks are made from cotton, nylon, polyester, spandex elastic, plastic, lycra and have passed extensive skin safety testing. They are compliant with the NIOSH standards, conform to CE Medical Device Class 1 and 2 specifications, and are compliant with European CE, Australian TGA, Indian BIS and Chinese GTIPCS standards.

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Anti-viral masks are a game changer in the fight against covid-19. We are committed to expand our portfolio of certified reusable PPE to promote safety & sustainability in these unprecedented times”

*Najib Faris*

The mask’s fabric is treated with a patented Swiss technology that embeds the textile with 24 billion positive charges per square centimetre to effectively attract, trap and destroy viruses. The technology and fabric have been scientifically tested in Germany, Switzerland, Austria, Australia, USA, United Arab Emirates, Jordan, India and China and have been proven to neutralize, destroy and inactivate 99.9% of viruses and bacteria that come in contact with the mask, including SARS-CoV-2, the virus that causes Covid-19.

The inactivation mechanism of viruses is based on the distortion of the protein capsid by adsorption of negatively charged proteins by the positively charged surface, leading to the release of non-infectious RNA, without leaching. This principle has been described in scientific literature for two decades, but its understanding and practical applications have been limited until now.

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