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Livinguard develops antiviral and antibacterial masks

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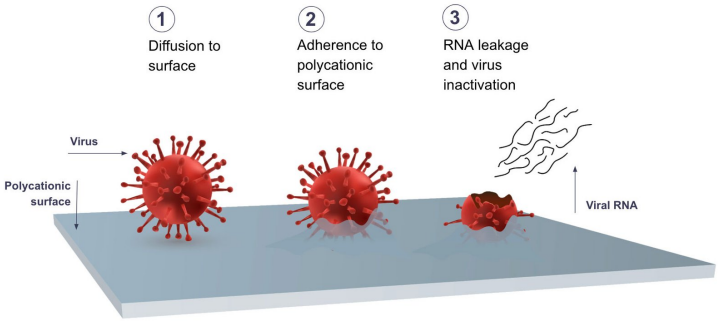

Livinguard, a Swiss-based company has developed protective face masks with antiviral and antibacterial properties. A recent examination by the Indian National Institute (NII) of Immunology has shown that each layer of the Livinguard mask had an average of more than 99% effectiveness against viruses and bacteria.

Livinguard technology applies a positive charge at the molecular level to textile surfaces, making them more powerful than the negative charge of microbes. Therefore, microbes (bacteria and viruses including SARS-CoV-2*) are deactivated when they encounter textiles treated with Livinguard Technology as confirmed by researchers at the Free University Berlin and the University of Arizona.

Livinguard technology has been proven to be efficient for up to 210 days (30 weekly washes) with the mask deactivating microbes, viruses, bacteria, and some fungi for the time. Over 90% biodegradable, a single Livinguard mask removes hundreds of single-use masks from landfills or entering the environment. In 2020 alone, Livinguard replaced 4.5 billion single-use, disposable masks globally.

Livinguard Asia's Director and Senior Vice President of APAC, Ankit Mital adds "Mask design ensures users stay protected while they work. Even better, the masks only need to be washed once a week, and are efficacious for up to six months, minimizing the need to constantly plan mask purchases."

Livinguard is now focusing on pivoting its production facility to scale the delivery of its sustainable hygiene technology worldwide. In Singapore, Livinguard continues to be committed to supporting and protecting frontline workers and recently partnered with Grab Singapore to provide 22,000 masks.