

NanoChemiqs launches world's first hybrid face mask

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NanoChemiqs has launched a reusable and antiviral face mask with properties of both N95 and normal cloth masks.



Delhi based NanoChemiqs has launched a reusable and antiviral face mask, Dubbed ViroWipe FM01. The face mask is claimed to be the finest face mask in the market right now with properties of both N95 and normal cloth masks.

Its proprietary Anti-Viral trap and kill technology makes it a unique product that not only ensures proper filtration of contaminants but also offers four Anti-Viral layers and 6 levels of extra protection. Thereby, making it a 99.95% safe face mask.

The face mask has been equipped with non-metal nanotechnology making it reusable up to 90 gentle washes.

Since the nanotechnology treatment of the mask effectively reduces the virus and bacteria infectivity on contact, it can function as a constant sterilization solution. Thereby making the face mask ideal for both industrial workers and normal citizens.

Since it has been made using recyclable material, the face mask will also help in reducing biomedical waste and carbon footprint, the former being a cause of grave concern in India. In fact, of the 200 biomedical waste treatment facilities in the country, two are in Delhi and one is in Mumbai. In these two cities alone, the facilities are functioning at 70-75% & 70% capacities respectively. Delhi currently produces 27 tonnes of non-COVID biomedical waste and up to 11 tonnes of COVID-19 related waste every day.

One of the best features of the mask is the anti-Leaching property: useful for daily use, the face mask reduces the risk of spread of contamination even when it's being washed or kept along with other household materials.