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Nanomatrix Material launches wonder mask with corona-killing graphene membrane

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The graphene-silver composite is a collection of millions of microscopic razor-sharp blades with electric charges that rip apart bacterial and virus cells.



Jaipur-based startup Nanomatrix Materials, which specializes in R&D of graphene and a pioneer in integration of the wonder material into different applications, has launched the first range of masks in the world that has Graphene Membrane inside which has the potential to not just prevent but kill coronavirus.

Named ‘G1 Wonder’, this newly introduced range of masks introduced by the company derives its power from a membrane that is infused with graphene-silver layered membrane (patent applied).

Tested at government-approved laboratories as per ISO 18184 standard, the graphene-silver composite is a collection of millions of microscopic razor-sharp blades with electric charges that rip apart bacterial and virus cells.

The graphene-silver NM membrane used in G1 Wonder mask is breathable, washable, reusable, pollution resistant, anti-odour and destroys 99% virus and bacteria in just seconds of contact.

The membrane continuously inactivates inhaled viruses, ensuring adequate safeguard for those venturing out of their homes. The mask also comes with the Bacterial Filtration Efficiency >99%. These are the only masks available that have the capability of absorbing harmful Volatile Organic Compound (VOC) as well. These masks range between Rs. 299 - Rs. 399.

Another revolutionary development is in the domain of medical N95 face masks. This is the first N95 mask in the world that has two antimicrobial layers making the only N95 mask that stops as well as kills the microbes instantly upon contact. This newly developed mask can increase the safety level especially for front liners who are exposed directly to the infected patients. This N95 mask can be used for 6-7 days or 30 hours and is priced at Rs. 199.