



Mask manufacturers adopt regulatory compliant VPT to ensure protection from emerging infections:

To control Covid-19 in a more effective way, leading face mask manufacturers have adopted technologies like Virus Protection Technology (VPT) approved by regulatory authorities globally to ensure maximum breathability while ensuring protection through anti-viral and anti-bacterial coating.

Alarmed with the new strain of virus post Covid-19 outbreak, Union health ministry is also in the process of evolving harmonized standard for community face coverings and is encouraging manufacturers to develop uniquely designed breath-easy mask equipped with superior technologies like VPT to ensure maximum breathability while keeping the consumer and patient protected.

The proprietary VPT technology which has been developed by leading mask manufacturer Guardwiser™ in India is a non-alcoholic, non-heavy metal based – food grade product. It has naturally derived ingredients sourced from coconut oil.

VPT technology is a single solution for multiple problems such as bacteria, viruses, fungi and mold. The mask is stabilized in food grade aqueous solution whereas other mask coating is metal based. The technology is non-leaching, locking and bonding technology. It kills microbes by a mechanical process and not by a chemical method.

ADVANTAGE of VPT technology

- Y Proven to have 99.9% anti-bacterial & anti-odour efficacy even after 100 washes
- Y Anti-viral efficacy even after 50 washes
- Y N99 filter between the two fabric layers filters more than 99% of airborne particulate matter greater than 2.5 microns
- Y The non-leaching, locking and bonding technology and sticks to garment for up to 100 washes
- Y Uniqueness lies in green technology as it decomposes like oxygen, nitrogen and sand
- Y Does not penetrate the skin nor accumulates in the environment and does not contain carcinogenic compounds

Whereas other mask coating is metal based and erodes after a few washes. Chemical methods used in such mask to kill microbes pollute riverbeds, soil and environment. It also bio accumulates in body and environment and contains carcinogenic compounds.

N99 Breath easy mask is equipped with the revolutionary breakthrough VPT. Its ingredients are approved by USEPA, European BPR, New Zealand primary industry for the use of food contact surfaces and Therapeutic Goods Administration (TGA), Ministry of Health, Australia for the claim against corona virus.

Reference: Pharmabiz.com