

Thermaissance builds face mask to kill COVID-19

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How about a reusable mask that kills coronavirus, kills various bacteria, is breathable, keeps you cool, is environment friendly and is affordable?

Mumbai based startup brand Thermaissance's masks exactly offer these features and much more. It strives to protect the wearer as well as our environment at a very affordable price. These fabrics are based on nanotechnology and are anti-viral, anti-bacterial and anti-fungal.

Tested by a US-based ISO 17025 certified laboratory, a single layer of Thermaissance fabric have been proven to kill >93% coronavirus (human coronavirus) in less than 5 mins, and kill >99.99% in less than an hour. The testing was performed as per the actual ISO approved standard for testing anti-viral activity (ISO 18184).

Since the masks are made of 2-layer fabrics, the actual Covid-19 kill rate of masks in 5 mins is estimated to be much higher than 93%. The fabrics are also anti-bacterial and have been proven to kill over 99% of various bacteria including Staphylococcus and Klebsiella Pneumoniae. The anti-bacterial effectiveness has already been proven to last for 60+ Industrial Washes (equivalent to 100+ machine washes/ 150+ gentle washes) as per NABL Accredited Labs in India.

The MRP of the mask is between Rs. 300 to Rs. 500, making it really affordable. Additionally, being fabric-based, Thermaissance masks do not use any plastic like melt blown, poly propylene or spunbond, and hence are very environmental friendly.