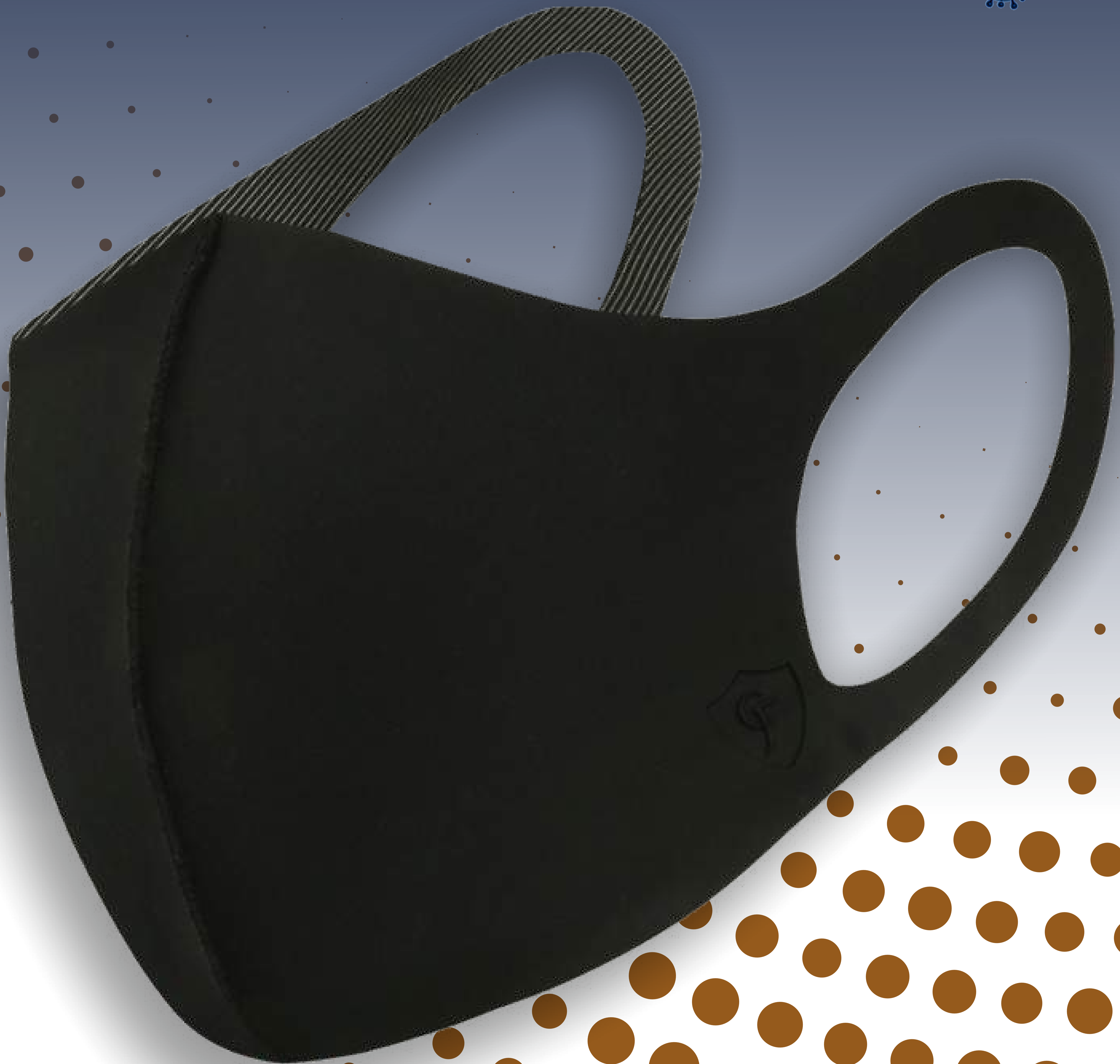
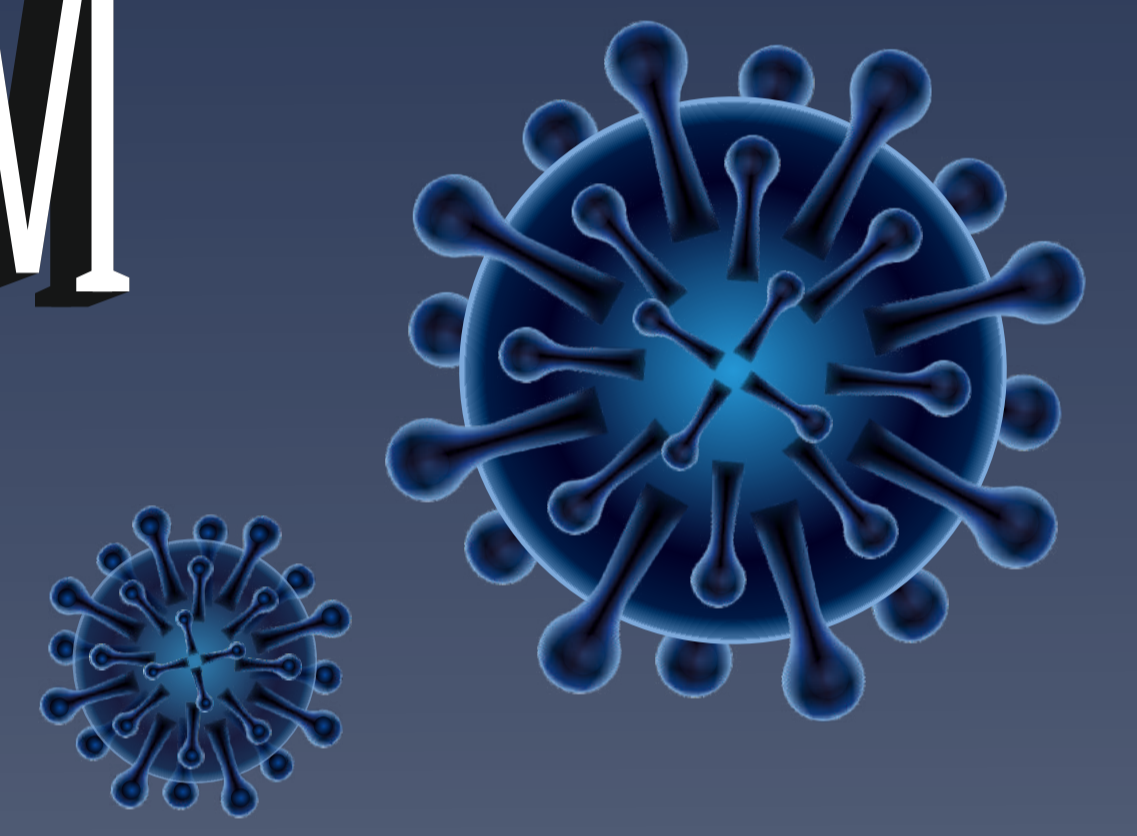




COPFAB

ANTIBACTERIAL COPPER MASK

YOUR HEALTH DEFENCE SYSTEM



Year 2020, brought in the Corona Virus Pandemic to India and put most of us into our best survival mode.

The Pandemic, brought Travel and hospitality to a standstill but with the rich experience of 27 years of delivering quality with finesse and class, Elite Travel Consultants paved the way for Elite Essentials

With the guidance of some renowned doctors, our own R&D, Elite Essentials worked on contributing to the community by giving people a Health defence system by launching Copper Masks, Copper Mask pouches with antibacterial patches, putting the best products out of many available like sanitisers and anti bacterial wet wipes under a common platform

Elite Essentials has tried and related to make a positive impact and tackle Global Challenge of Corona Virus through sourcing the best in #Innovation, #Nanotechnology and #Antimicrobial Materials. Our purpose leads us to contribute to find a solution in a low-cost, quick, Reusable, Customizable, Antimicrobial and Antiviral Facemask made with Copper.

Let's HACK this Pandemic by using CopFab Copper Masks. Highly functional, portable and comfortable face mask made with environment friendly porous material which ensures smooth breathing, perfect for daily indoor and outdoor use giving you 99.9% protection against Virus and Bacteria and with the unique DWR technology protects you from Droplet Infections

What Does Copper Do?

Effects of Copper Kills Viruses and Bacteria

The ancient method of Ayurveda, an ancient medicine of longevity in India, has used copper for storing drinking water. Copper alloys are registered with the U.S. Environmental Protection Agency as antimicrobial public health materials.

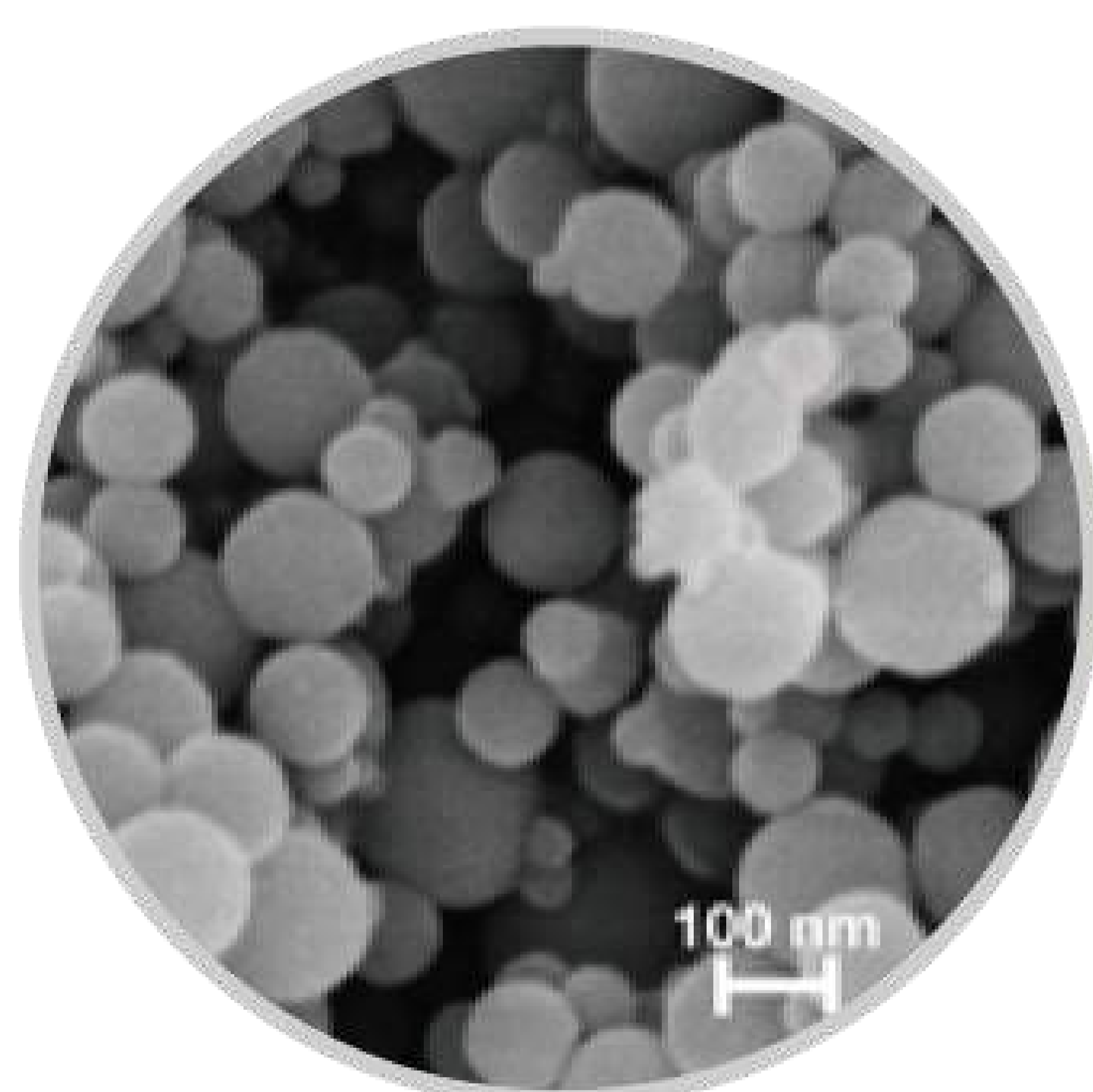
Copper is an effective method of killing viruses and bacteria.

Anti-bacterial function up to 99%. A Southampton University test showed that copper killed viruses within 10 minutes of contact. Exposure to copper can help to prevent and reduce the risk of infection.

Through research on the relationship between respiratory viruses such as MERS, SARS, they found that exposure to copper can help to prevent and reduce the risk of infection. The copper fabric reduces allergies and infections caused by asthma and dust mites through antibacterial and self-sterilizing functions.

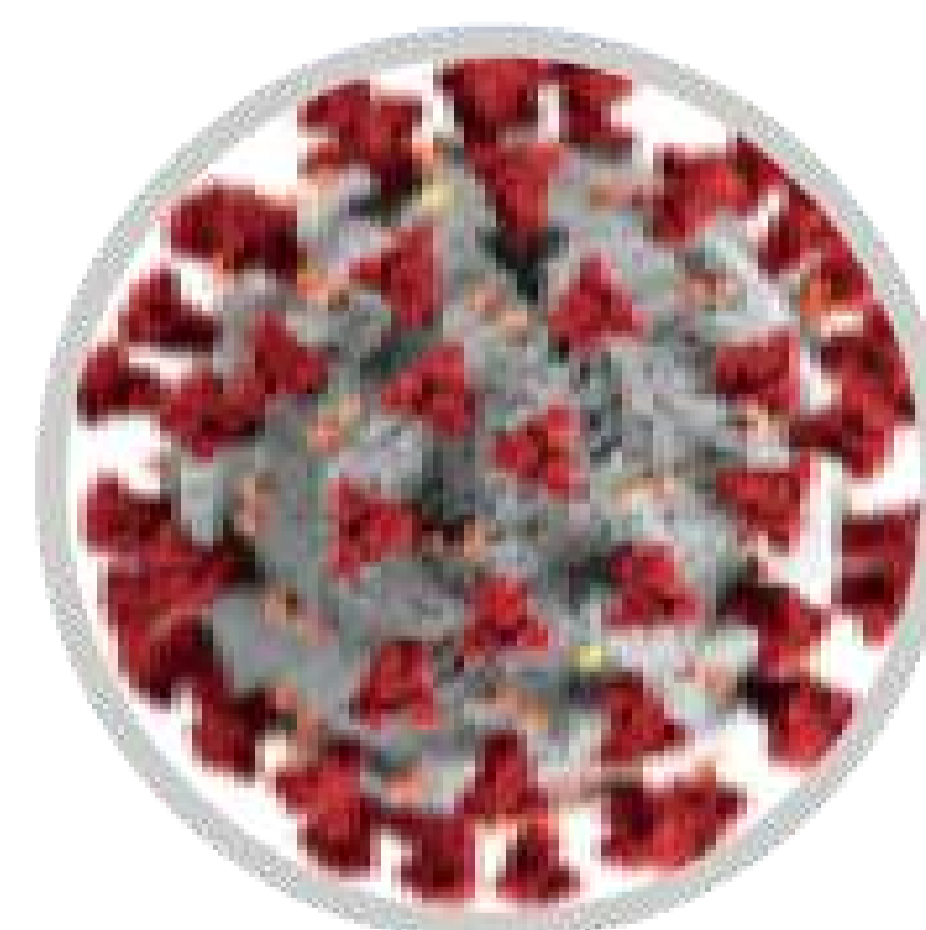
Patented technology prevents contaminants such as dust and pollen.

Copper Antiviral Activity



Nanocopper, Copper,
Ionic Copper, Cuprous Oxide

SARS-Like and SARS-Cov



After 5 minutes of exposure:
Infectivity dropped down to undetectable levels ⁴

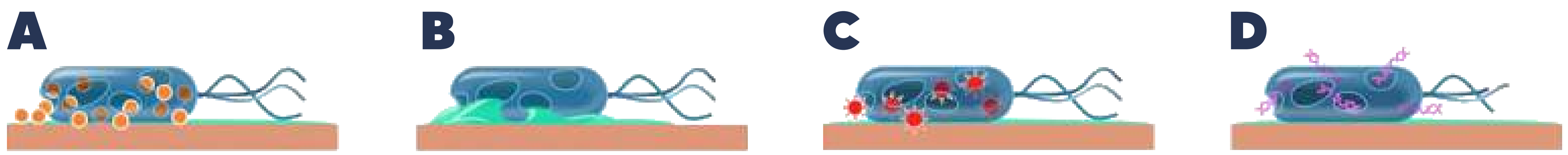
Influenza (e.g H1N1)



Decreased by $> 5.0 \log_{10}$ after 30 sec. incubation ⁵

How Copper Kills Bacteria

COPPER(CU) IS A METAL THAT EFFECTIVELY BLOCKS THE TRANSMISSION OF VIRUS



(A) Copper dissolves from the copper surface and causes cell damage.

(B) The cell membrane ruptures because of copper and other stress phenomena, leading to loss of membrane potential and cytoplasmic content.

(C) Copper ions induce the generation of reactive oxygen species, which cause further cell damage.

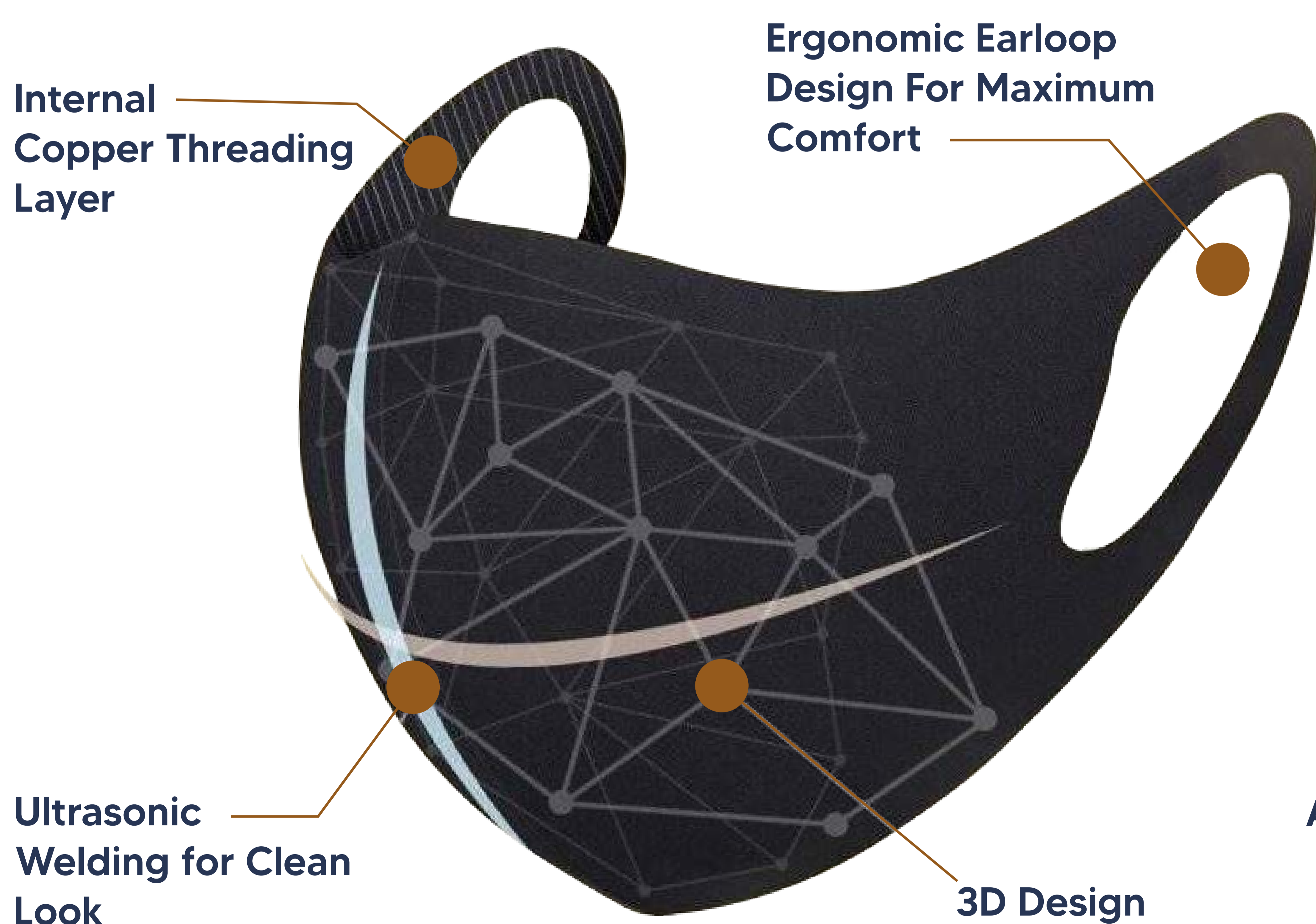
(D) Genomic and plasmid DNA becomes degraded.

Kf94 (N951 FFP2, KN95 etc) Masks are for protection against yellow dust and fine dust.

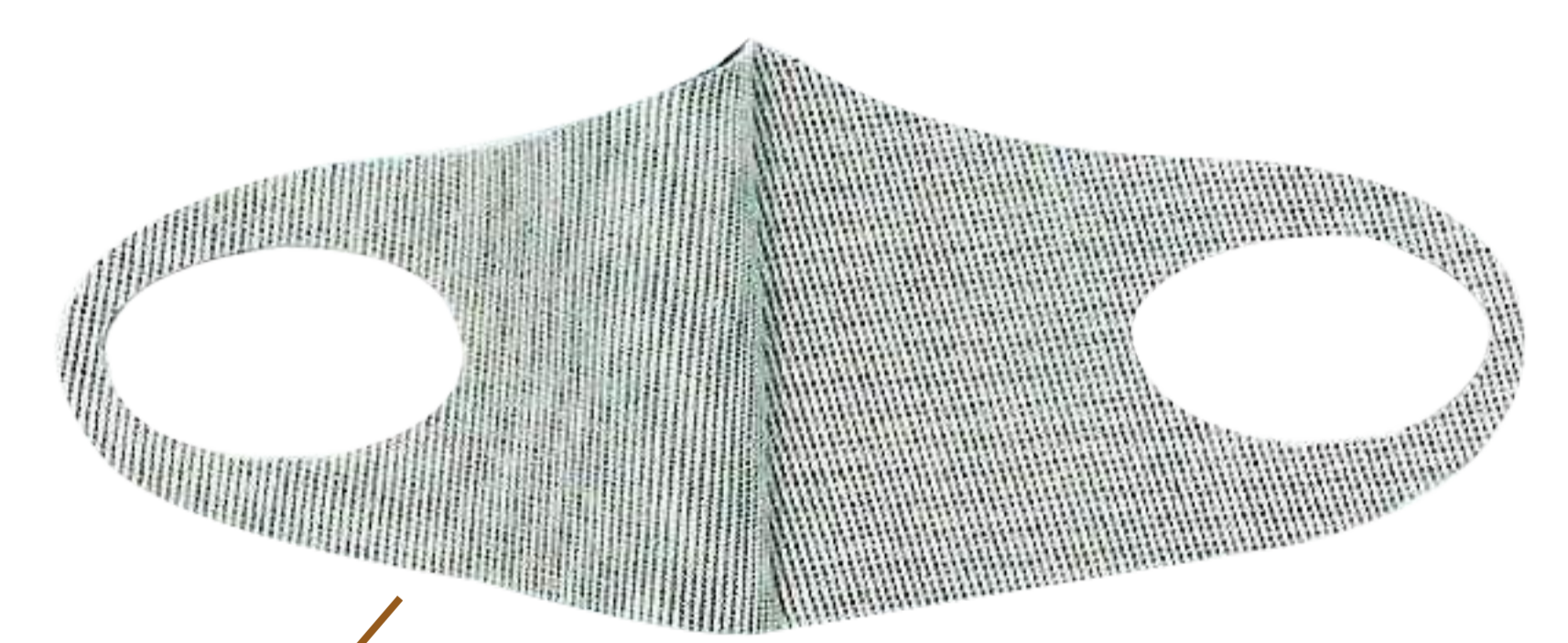
In other words, they are not intended to prevent viruses or germs. KF9.4 Mask means that it can filter out more than 94% of fine particles measuring 0.4μ . But the size of the Corona 19 virus is about 100 to 300nm. So, of course, the virus goes through. Viruses can pass through KF9-4 masks as well as through Masks available all over the world.

When the corona virus first appeared, it created a sense of fear because no one knew what it was. Over time, as it turns out even if you do not have to use KF94 mask; Corona can be prevented with a Mask that prevents droplet infection.

Copper fibre, an antibacterial and anti-inflammatory fibre, is a futuristic Fibre that takes into account bacterial infection prevention, respiratory protection and freshness through 99.9% anti-bacterial, $0.893\mu\text{m}$ far-infrared radiation and UV protection functions.



Semi-permanent use!
Even after washing,
Safe bacteria protection!



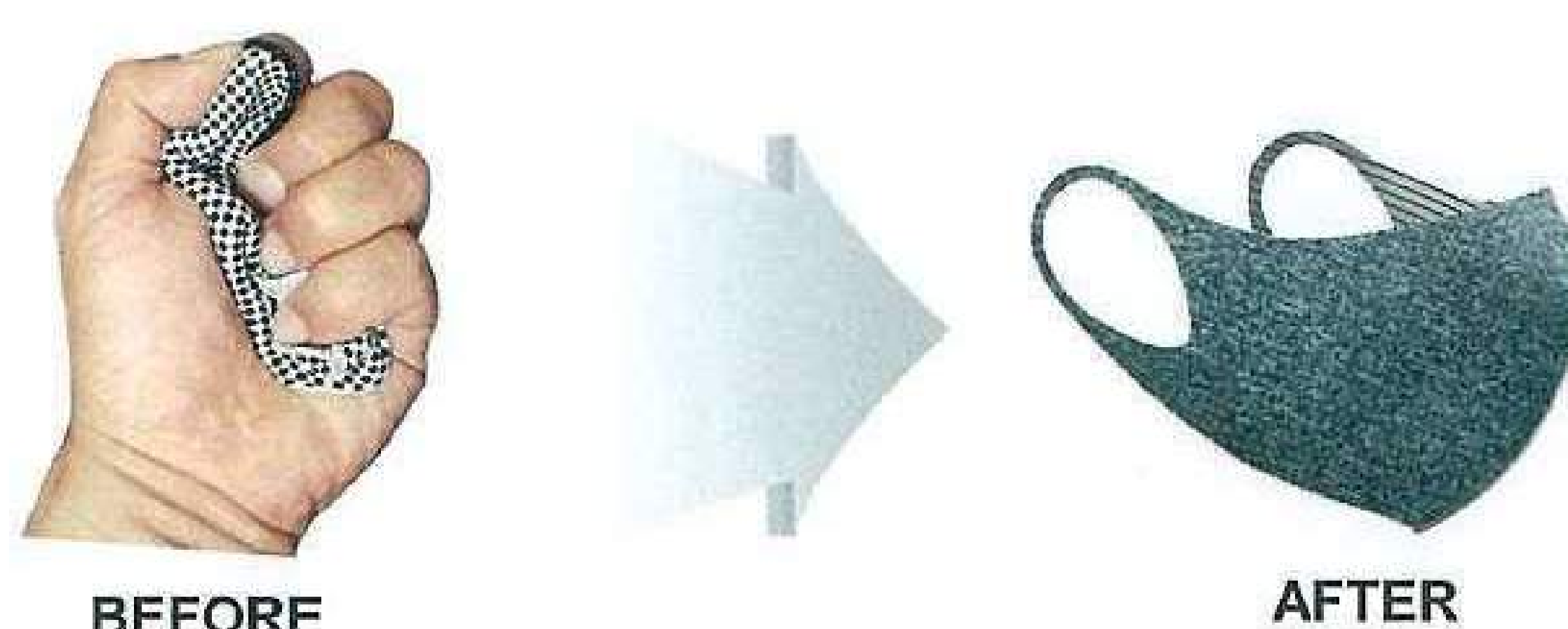
**Even after washing
keep the same function**

Antibacterial even after washing
Anti-Static. This is a semi-permanent
mask with UV protection function.

It is convenient for storage!

Wrinkle-free fabric!

It is a fabric that is not wrinkled due to repeated use.



BEFORE

AFTER

Available in Multi Colours & Sizes



SIZE	WIDTH X HEIGHT	COLOURS
X- SMALL	13.5 CM X 10. CM	PINK/ BLUE/ WHITE/ BLACK
SMALL	15 Cm X 12 CM	WHITE/ BLACK/ LIGHT BLUE/GREY/ PINK
MEDIUM	16 CM X 14 CM	WHITE/ BLACK/ LIGHT BLUE/GREY/ PINK
LARGE	17 CM X 15.5 CM	WHITE/ BLACK/ LIGHT BLUE/GREY/



Also introducing for the first time extension bands with stopper to wear over **Turban and Hijab**



Durable water repellent test result



Verification undetected the harmful substances



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