



Enhancing the antiviral and antibacterial properties of copper through advanced nanotechnology. Reducing self-disinfection time from 2+ hours (copper) to just minutes (NanoShield).

Nanoshield has been independently tested to ISO standards against two coronavirus surrogates (MHV & OC43) at BioScience Labs (USA) and the National University of Singapore. Nanoshield is trademarked by Nanoveu, a publicly listed company in Australia (ASX: NVU). The product is patented and manufactured in Japan to the highest standards with six month trials and extensive testing concluded.



USA



Singapore



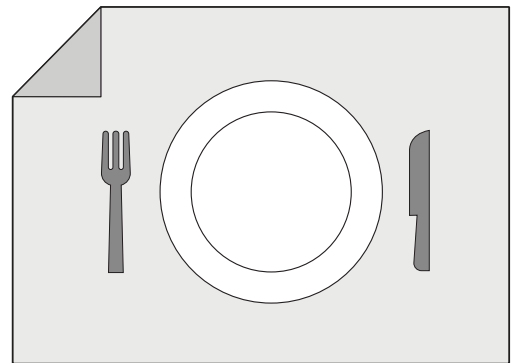
Japan



### Door Push Plate 2 pack

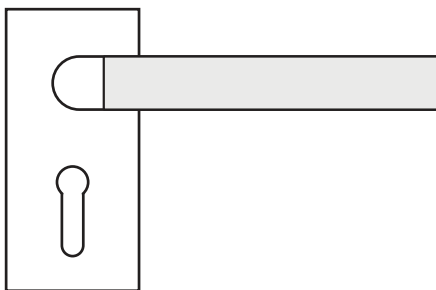
A. 25 x 30 cm

B. 25 x 50 cm



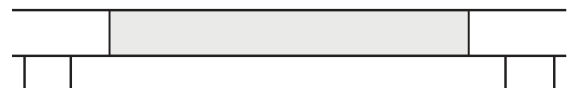
### Table Mat 2 pack

30 x 40 cm



### Door Handle 2 pack

A. 8 x 10 cm



### Hand Rail 2 pack

25 x 8 cm

Please inquire regarding custom cut solutions.

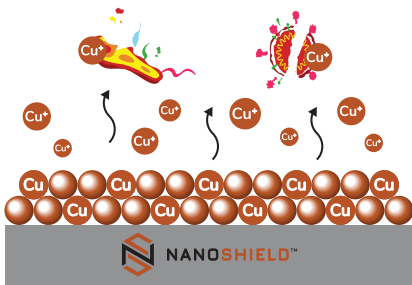
VIRUS AND BACTERIA PROTECTION

[Polyxmed.co.uk](http://Polyxmed.co.uk)

# Packaging Example

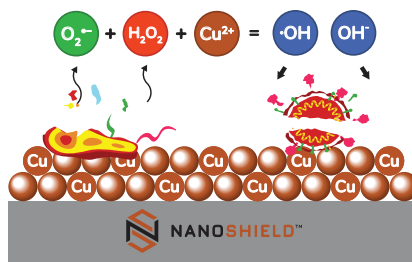


## How it Works



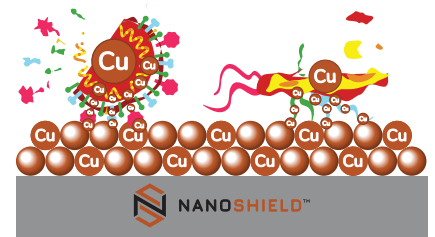
### Copper Ions

Nanoshield produces electrical-ly charged copper ions that attach to viruses and bacteria altering their structure, stopping the way they work.



### Reactive Oxygen Species ( ROS )

Nanoshield reacts with molecules that are produced by bacteria ( $H_2O_2$ ,  $O_2^{\bullet-}$ ) to form a chemical substance called Reactive Oxygen Species (ROS). ROS damages both the proteins and nucleic acids in viruses and bacteria providing an antibacterial and antiviral effect.



### Direct Contact

All viruses are surrounded by a protective protein layer that holds the infectious components inside. In order for viruses to spread this layer needs remain intact. Nanosheids copper particles are rapidly absorbed into this protein layer bursting their protective wall.