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V1-290720

neo protect

ANTI-MICROBIAL ZnO FILM

Removes **99.99%**
viruses & bacteria

MADE IN
KOREA

APPROVED BY



Just place the film
wherever you want for **protection!**

neosys.com.sg

Anti-Microbial ZnO Film

- This film is coated with an inorganic substance, **Zinc Oxide (ZnO)** which can remove 99.99% of viruses and bacteria.
- This film is approved by **FDA (U.S. Food and Drug Administration)** for ensuring the safety, efficacy and security of people.
- This film is also approved by **EPA (U.S. Enviromental Protection Agency)** as a safe anti-microbial material.



Where to use NeoProtect film?



Office equipment



Elevator button



Door handle



Switch



Keyboard & mouse



Water dispenser



Stairway handrail



Pantry or kitchen

or anywhere needed.....

How to use NeoProtect Film?



Wipe and clean the surface before you place the film



Cut the film according to the application measurement



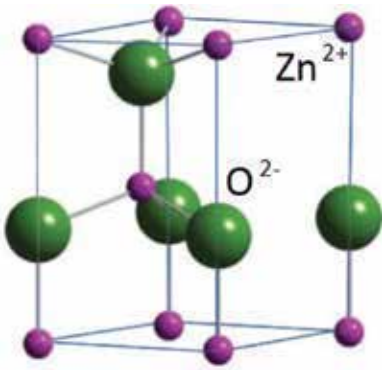
Place Double-sided tape at the back of application



Use card or flat object to remove bubbles or uneven film surface

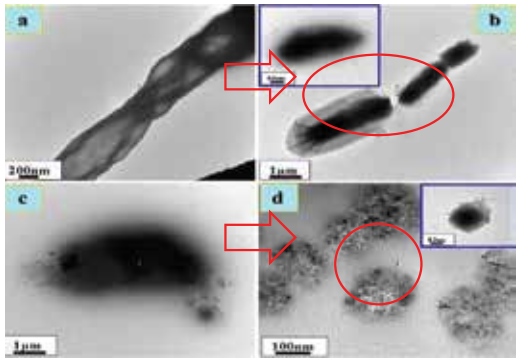
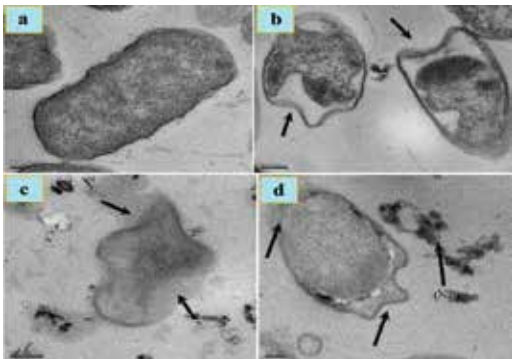
What is Zinc Oxide (ZnO)?

neo protect



Zinc Oxide (ZnO) is an inorganic compound of Oxygen & Zinc which is widely used in everyday consumption. NeoProtect Antimicrobial with ZnO film is approved by FDA and EPA for its safety againts humans and also to kill viruses and bacteria.

Test report on zinc Oxide Nanoparticles' activity againts Microbe



Zinc Oxide nanoparticles have high impact on the cell surface and forces the intracellular material to leak out and leading out to cell death, regardless the thickness of the bacterial cell wall.

NeoProtect film VS other antimicrobial film

	neo protect Antimicrobial film	Other Antimicrobial film
Main ingredient	Mineral	Heavy Metal
	ZnO, Zinc	Cu, Ag+
Safety	Safety material, approved by FDA	Not approved by FDA
	Pass cytotoxicity test	No data
	Completed SGS, KTR, KCL test	Lack of safety due to heavy metal
Antibacterial side	Both side	Single side
Transparency	High	Low (Opaque, Copper color)
Curling	Easy to place without curling	Too strong
Surface	Smooth by nanoparticle	Not smooth



NeoProtect
Anti-Microbial Film

NeoProtect films are manufactured by PKCCO, Korea

pkcco
since 1991

