

OUTER LAYER

Spunbond polypropylene
with coating containing
citric acid and others
(Trapping & Penetration)

ANTI-VIRAL LAYER

Rayon with copper and
zinc ions
(Inactivates and Kills)

INNER LAYER

Spunbond
polypropylene
(Final Barrier)

BARRIER LAYER

Non-woven melt-blown
polypropylene
(Filtration)

RespoKare
ANTI-VIRAL FACEMASK

1 MASK 4 LINES OF DEFENCE

First-and-only FDA-confirmed Antiviral Facemask equipped with patented Active Protection Technology

Crowded public places are
TOP SPOTS
for catching the flu



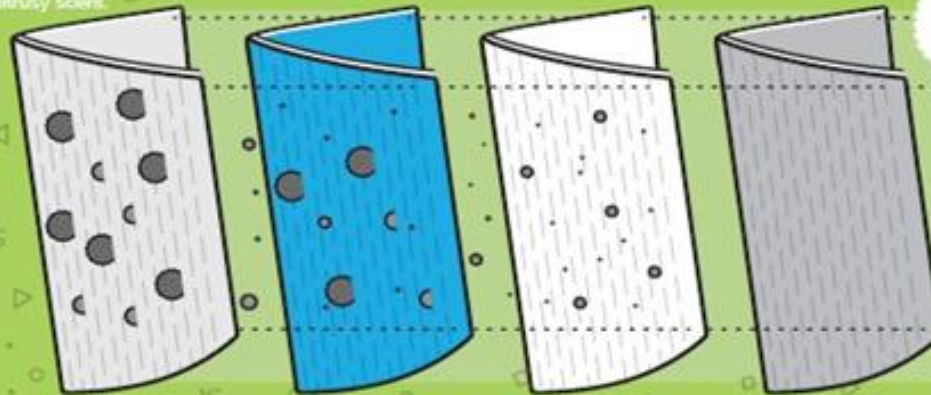
1 OUTER LAYER Traps and Kills

Citric acid gives the mask its distinctive citrusy scent. The scent is also an indicator that the mask is working!

2 ANTIVIRAL LAYER Traps, Inactivates, Kills

3 BARRIER LAYER Filtration

4 INNER LAYER Final Barrier



TRADITIONAL FACEMASK = VIRUS HOTELS



Viruses and other germs remain alive and infectious on traditional facemask

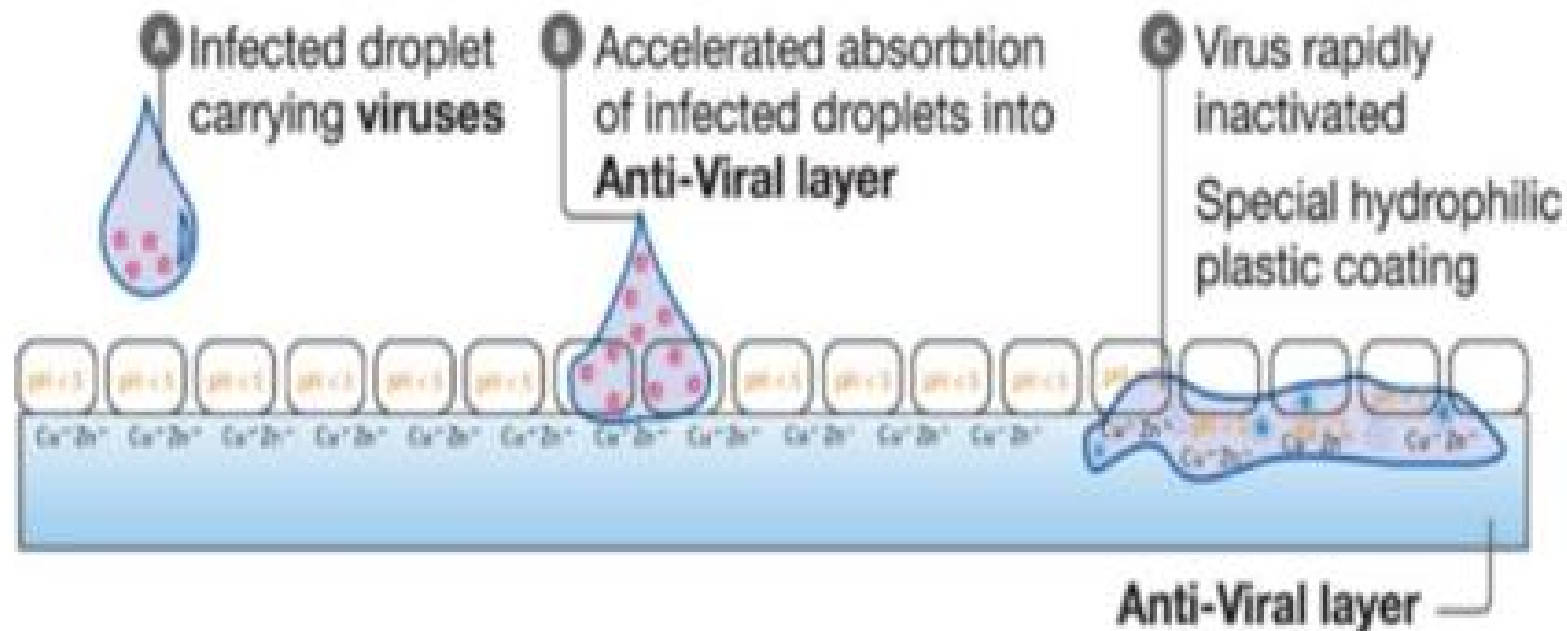


Viruses and germs collected on their surfaces become sources of infection, increasing risk



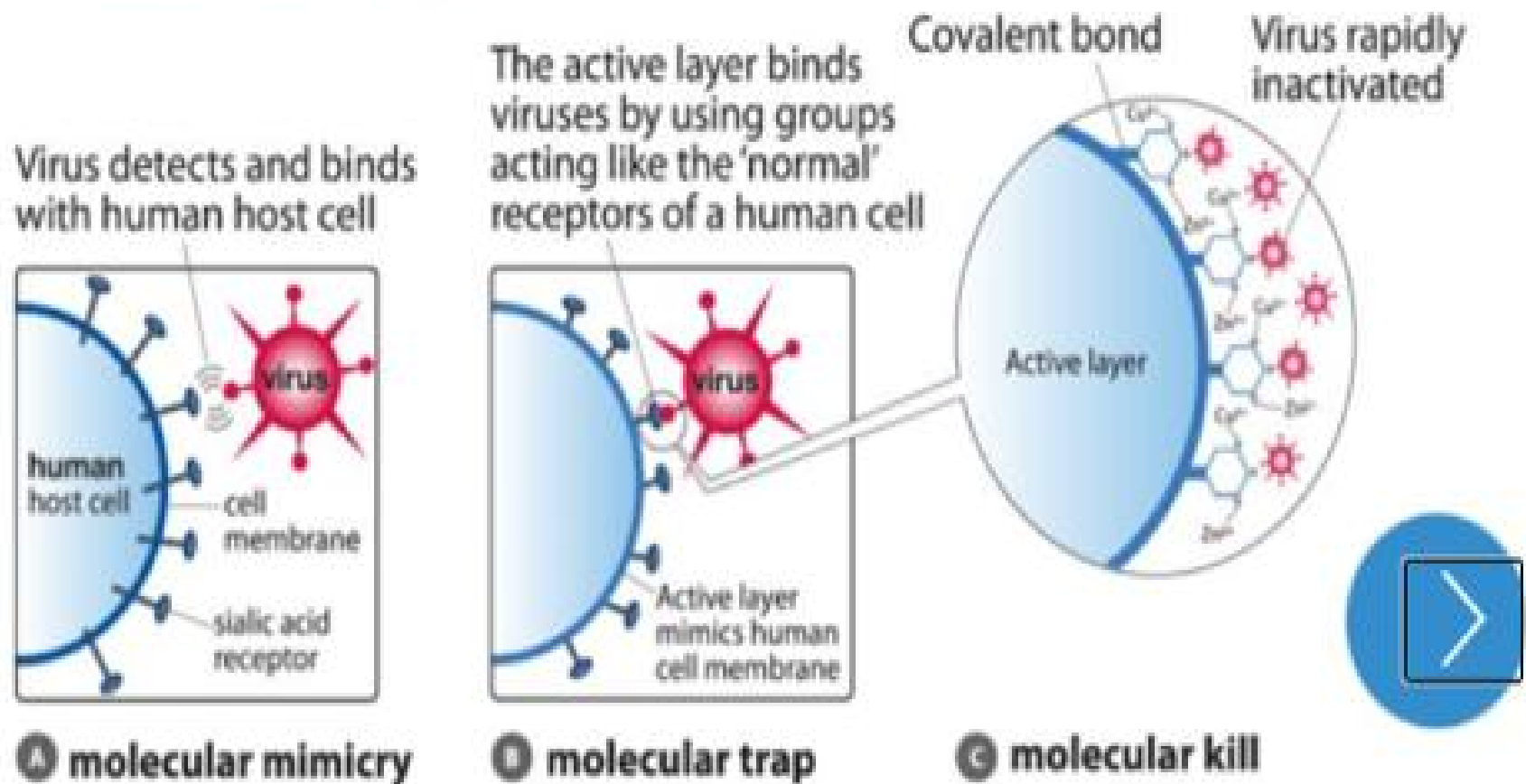
First-and-only FDA-confirmed, RespoKare Anti-Viral Facemask kills viruses and other germs for flu protection

1 Outer hydrophilic layer



- A** The special outer layer coating is hydrophilic, allowing infectious laden droplets to be rapidly absorbed and trapped
- B** The special coating is a **low pH** environment which starts to denature and damage the surface membrane of viruses within 5 seconds
- C** Infected droplets are quickly wicked away from the outer surface into the anti-viral layer where the viruses are inactivated

③ Anti-Viral layer



- The Anti-Viral layer is a rayon material treated with active functional groups that mimic the binding of viruses to sialic acid on the surface of mammalian cells
- Viruses trapped in this layer are exposed to very high local concentrations of copper and zinc ions which inactivate the viruses through ionic interactions with proteins and RNA or DNA

Viruses	Inactivates
INFLUENZA A >99.99% within 5 minutes	
H1N1	
#A/California/04/2009	99.99%
#A/Brisbane/59/2007	99.99%
#A/Wisconsin/10/1998	99.99%
#A/NewJersey/8/1976	99.99%
#A/PuertoRico/8/1934	99.99%
#A/Swine/1976/1931	99.99%
H2N2	
#A/2/Japan/305/1957	99.99%
H3N2	
#A/Brisbane/10/2007	99.99%
#A/Wisconsin/67/2005	99.99%
A/HongKong/8/1968	99.99%
A/Victoria/3/1975	99.99%

Viruses	Inactivates
INFLUENZA A >99.99% within 5 minutes	
H5N1	
NIBRG-14	99.99%
H5N2	
#A/Duck/PA/10218/84	99.99%
H9N2	
#A/Turkey/Wisconsin/1966	99.99%
H3N8	
#A/Equine/2/Miami/63	99.99%
INFLUENZA B >99.99% within 5 minutes	
B	
B/Brisbane/60/2008	99.99%
#B/Florida/4/2006	99.99%
#B/Lee/1940	99.99%

Germ (Pathogen)	Inactivates
Coronavirus (SARS and MERS)* within 1 minute	≥99.99%
Rhinovirus (Type 16) within 1 minute	96.61%
MRSA within 30 minutes	99.93%
Measles (Paramyxovirus) within 1 minute	≥99.99%
T.B. (Mycobacterium Tuberculosis) within 10 minutes	88.97%
Streptococcus Pneumoniae within 30 minutes	89.22%
Haemophilus influenzae within 60 minutes	90.15%
Herpes Simplex Virus (HSV Type 1) within 1 minute	≥99.41%
Staphylococcus epidermidis within 8hrs	≥99.99%
Respiratory Syncytial Virus (RSV) within 5 minutes	≥99.99%
Human Immunodeficiency Virus type (HIV type 1)	≥99.99%
Feline Calcivirus within 5 minutes	99.9%