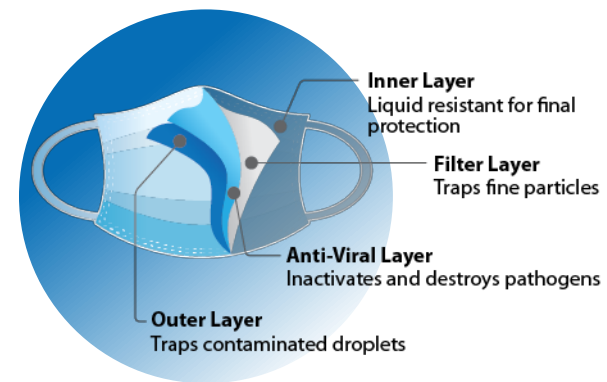


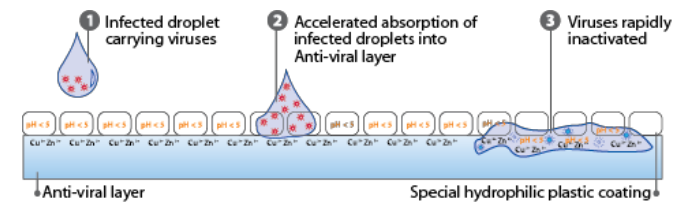


Anti-Viral Mask

Four Layer Mask Construction

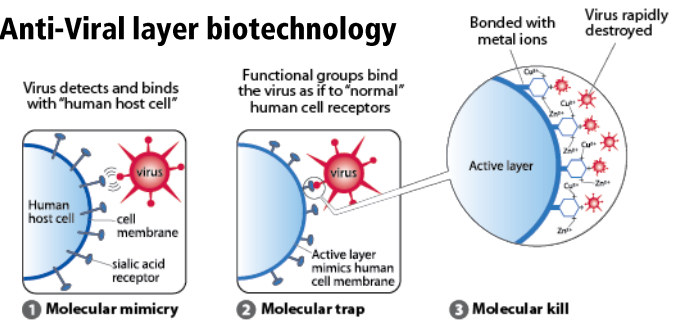


Active Protection – How It Works



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

Anti-Viral layer biotechnology



- 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 high localized concentrations of copper and zinc ions which destroy the viruses through ionic interactions with proteins and RNA or DNA.

Effectiveness

* RespoKare Anti-Viral Mask is laboratory tested and US FDA cleared. It inactivates 99.99% of the following influenza viruses within 5 minutes when in contact with the outer layer of the mask. This is a 4-log reduction, which is a 10,000-fold improvement over ordinary masks.

Seasonal	Human (H1N1), A/Brisbane/59/2007 Human (H1N1), A/Wisconsin/10/98 Human (H1N1), A/New Jersey/8/76 Human (H3N2), A/Brisbane/10/2007 Human (H3N2), A/Wisconsin/67/2005 Human, B/Florida/4/2006 Human, B/Lee/40
Pandemic	Pandemic (H1N1), A/California/07/09 Human (H2N2), A/2/JAPAN/305/57
Avian	Avian (H5N1), NIBRG-14 Duck (H5N2), A/Duck/PA/10218/84 Avian (H9N2), A/Turkey/Wisconsin/1966
Swine & Equine	Swine (H1N1), A/Swine/1976/31 Equine (H3N8), A/Equine/2/Miami/63
Other	Human (H1N1), A/PR/8/38

In addition to the influenza viruses evaluated and cleared by the FDA, independent laboratory tests show that the Anti-Viral Mask also quickly destroys the following viruses and bacteria when in contact with the outer layer of the mask.

Pathogen	Inactivates
Coronavirus (incl. SARS-CoV-2) [†] within 1 minute	≥ 99.99%
Measles (Paramyxovirus) within 1 minute	≥ 99.99%
Rhinovirus (Type 16) within 1 minute	96.91%
MRSA within 30 minutes	99.93%
Herpes Simplex Virus (HSV Type 1) within 1 minute	≥ 99.41%
Respiratory Syncytial Virus (RSV) within 5 minutes	≥ 99.99%
Human Immunodeficiency Virus (HIV Type 1) within 5 minutes	≥ 99.99%
Feline Calicivirus within 5 minutes	99.9%

[†] Tested using human coronavirus 229E as surrogate.

Regulatory Standards and Certifications

- FDA cleared under product code OUK
- 510(k) number: K101128
- Suitable for medical use




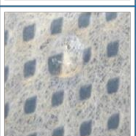
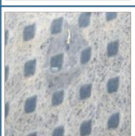
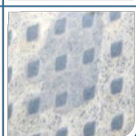
ASTM F2100-19
Level 3 Surgical Mask
High Barrier

EN14683
Type IIR
Fluid Resistant **CE**

Meets ASTM F2100-19, Level 3 Standard

Bacterial filtration efficiency (BFE)	≥ 98%
Differential pressure, mm H ₂ O/cm ²	≤ 6.0
Particulate filtration efficiency (PFE) @0.1 micron	≥ 98%
Synthetic blood penetration resistance, mmHg	160
Flame spread	Class 1
Biocompatibility - irritation, ISO 10993-10	0
Biocompatibility - sensitization, ISO 10993-10	0

Comparison with Ordinary Masks

	0 second	5 seconds	10 minutes
Ordinary mask: Infected droplets remain on the surface of the mask, where it may cause contamination when touched.			
Respokare® mask with patented layers: Infected droplets are wicked away from the surface of the mask, trapped and inactivated.			

Effective and Safe

- The outer layer coating does not restrict airflow. The Mask is designed for easy breathing.
- To assure safety, the anti-viral coatings are formulated from a combination of commonly used food additives recognized as safe by both the US and EU regulatory agencies.

Innonix



www.respokare.com

Manufactured by:
Innonix Technologies Ltd.
13/F, LiFung Centre, 2 On Ping Street,
Siu Lek Yuen, Shatin, Hong Kong
+852 2300 3601

Model Number

- RK-200-2001A

Available Packaging

1 Piece Pack with Hanger

- Reusable bag with zip-lock
- Dimensions (incl. hanger): 235 x 120 x 3 mm (h/w/d)



5 Piece Pack with Hanger

- Individually plastic wrapped
- Box dimensions: 230 x 110 x 32 mm (h/w/d)
- Hanger height: 25 mm

24 Piece Pack

- Individually plastic wrapped
- Box dimensions: 140 x 230 x 105 mm (h/w/d)



30 Piece Institution Pack

- For healthcare professionals, not individually wrapped
- Box dimensions: 105 x 180 x 100 mm (h/w/d)



Respokare
ACTIVE PROTECTION MASK

Anti-Viral Mask

Company Introduction

- Innonix Technologies is a materials R&D company with numerous intellectual property (IP) rights and patented technology.
- Our Technologically Advanced Materials (TAM) are the proprietary active layers used in the Respokare range.
- Mission: Bring advanced biotechnology to face masks, allowing people to

“Breathe better, Live healthier.”

Distributed Exclusively by:

IMA

Independent Medical Associates

(888) 548-4462 www.I-MA.com