5iR
SMART HEALTH

WELCOME TO A SMARTER DEFINITION OF HEALTHCARE

SURGICAL MASKS

<u>Model: 1948 (3M Surgical Masks Alternative)</u>

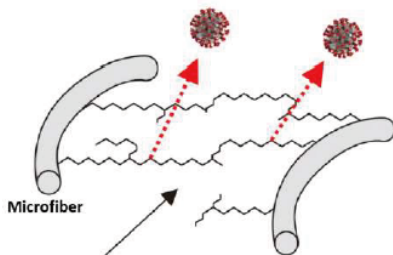Product Name: OOH SHIELD Disposable Surgical Face Mask

4 Ply Construction
- 34% Positive Charged Biohazard Filter
- 22% Meltblown Non-Woven
- 44% Non-Woven Fabric

EN 14683 Type IIR | ASTM Level 3

- The first Face Masks proven to **kill COVID-19 (99.81%)**
- Combined with Viral Filtration Efficiency **VFE (>99.9a%)**
- Over **500 times more effective** than traditional masks
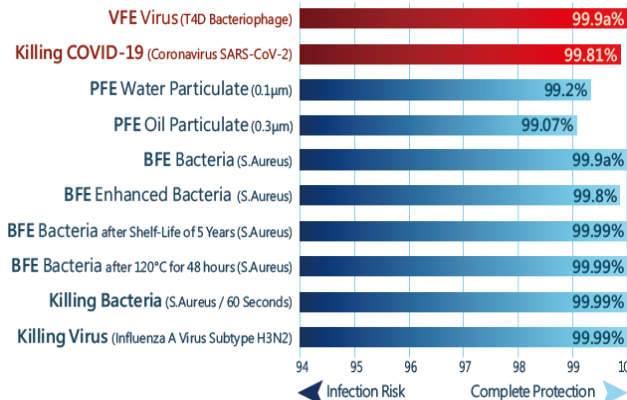
How We Arrest and Kill COVID-19

Microfiber

Macromolecular Arms with Ultrahigh Virus- and Bacteria-Affinity Components

Microfiber

Spike protein over coronavirus is "strong negative charged".

The highly positive-charged fibers inside OOH SHIELD's filtration material attracts and arrests "strong negative charged" protein spikes on virus and bacteria

Strong attraction force can tear off protein chain over envelope of coronavirus, and achieve COVID-19 killing effect.

Efficiency

Test	Value
VFE Virus (T4D Bacteriophage)	99.9a%
Killing COVID-19 (Coronavirus SARS-CoV-2)	99.81%
PFE Water Particulate (0.1µm)	99.2%
PFE Oil Particulate (0.3µm)	99.07%
BFE Bacteria (S.Aureus)	99.9a%
BFE Enhanced Bacteria (S.Aureus)	99.8%
BFE Bacteria after Shelf-Life of 5 Years (S.Aureus)	99.99%
BFE Bacteria after 120°C for 48 hours (S.Aureus)	99.99%
Killing Bacteria (S.Aureus / 60 Seconds)	99.99%
Killing Virus (Influenza A Virus Subtype H3N2)	99.99%

94 95 96 97 98 99 100

◄ Infection Risk   Complete Protection ►

Viral Filtration Efficiency 99.9a% / Killing COVID-19 99.81%

Properties

Test	
Differential Pressure (mmH2O)	5
Fluid Resistance (mmHg)	160
Flame Spread (Second)	5
Microbio Cleanliness (cfu)	17
Shelf Life (Year)	5

ASTM F2101 Level 3
US Medical Face Masks Standard

EN14683 TYPE IIR
EU Surgical Masks Standard

Core Filtration Material - Made in Taiwan / Hong Kong

Formula - Food Additives Approved by World Health Organization (WHO)

OOH technology pass chemical safety standards for baby textile products on
EN ISO 21084:2019
EN ISO 18254:2016
EN ISO 14184:2011
JIS L 1041
DIN EN ISO 17070:2015
64 LFBG B 82.02-08
EN ISO 14389: 2014
US CPSC-CH-C1001-09.4

Production process is determined to be a non-hazardous process according to EU Dangerous Preparation Directive 1999/45/EC

FDA CE Health Canada Australian Government Department of Health Therapeutic Goods Administration ANVISA KOTITI Testing & Research Institute ISO ISO ISO

Nelson Labs. A Sotera Health company intertek Total Quality Assured TTRI Taiwan Textile Research Institute 广东省微生物分析检测中心 Guang Dong Detection Center Of Microbiology ATCCR 香港公開大學 THE OPEN UNIVERSITY OF HONG KONG

RESPIRATORS

Model: 1984 (3M 1870 Alternative)

Product Name: OOH SHIELD Disposable Foldable Respirator

34% Positive Charged Biohazard Filter

22% Meltblown Non-Woven

44% Non-Woven Fabric

EN 149 FFP2 | EN 14683 Type IIR | ASTM Level 3

Utilizes the same COVID-19 killing principals as the 1948 surgical masks

Model: 2020 (3M 1860 Alternative)

Product Name: OOH SHIELD Disposable Cup Shaped Respirator

34% Positive Charged Biohazard Filter

22% Meltblown Non-Woven

44% Non-Woven Fabric

EN 149 FFP2 | EN 14683 Type IIR | ASTM Level 3

Utilizes the same COVID-19 killing principals as the 1948 surgical masks

GLOVES

Nitrile Gloves

———————

5iR Smart Health has well established relationships
with multiple major disposable glove manufactures around the
world to meet your specific needs.

Please inquire for details

MEDICAL EQUIPMENT

OOH Robot – KV99ISR

The OOH Robot was originally designed specifically for hospital and clinical environments to disinfect environmental air   and surfaces, via ultra-violet (UVC) light, hydrogen peroxide and air filtering.

Product Highlights:

Autonomous Movement:
   A floor plan map can be import into the robot or via autonomous discovery mode.
   The clinical user can also configure the system via user configurable disinfection mode, positional control, automatic routing, automatic home return and recharge.

Multiple Disinfection Methods:
   Ultra-Violet C (UVC), hydrogen peroxide (H2O2) and other disinfection media, with 0.3um air filtering (HEPA)

ISR is clinically and field tested and verified to kill 99.99% of all bacteria and disinfect in 10 mins (5m x 5m area). Rapid mode also available to obtain a 95% disinfection rate in under 6 mins.
Currently deployed in the Hong Kong International Airport and over 300 hospitals in China including the major hospitals in Wuhan, the epicenter of COVID-19.

PLEASE FILL OUT A BUYERS FORM ON OUR WEBSITE:

www.5irsmart.com/5iR-Smart-Health

OR
CONTACT

FREDWOODS@5IRSMART.COM
WHATSAPP: +1-403-606-7508

BRYCEHONISH@5IRSMART.COM
WHATSAPP: +1-403-467-4248