



**5dEZR & 9dHER**  
**PREMIUM ANTIMICROBIAL RESPIRATORS**  
**INNOVATION IN ANTIMICROBIAL RESPIRATORY PROTECTION**  
**ANTIMICROBIAL PROTECTION | SUPERIOR PERFORMANCE | COMFORT**





# 5dEZR & 9dHER

## PREMIUM ANTIMICROBIAL RESPIRATORS

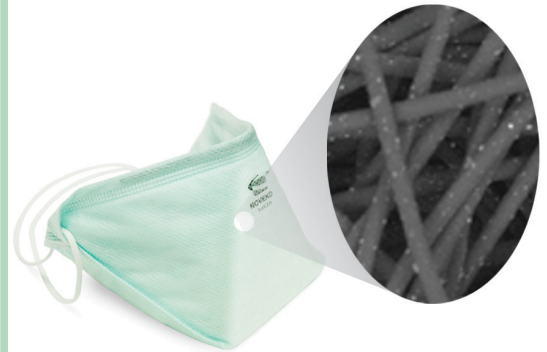
### INNOVATION IN ANTIMICROBIAL RESPIRATORY PROTECTION

#### ANTIMICROBIAL PROTECTION | SUPERIOR PERFORMANCE | COMFORT

### NOVEKO'S PATENTED ANTIMICROBIAL TECHNOLOGY

Noveko's respirators incorporate a patented technology with advanced antimicrobial agents capable of inactivating and preventing the growth of a broad spectrum of bacteria and viruses. The combination of respirator design, advanced filtration materials and a natural feel fabric allows the wearer to use the device comfortably and for extended periods while providing superior antimicrobial protection.

- The antimicrobial agents are incorporated directly into the fibers.
- Each fabric layer of the respirator contains antimicrobial agents.
- The respirators are designed to provide superior particulate, aerosol, viral and bacterial protection while ensuring easy-breathability.



|  | 5dEZR<br>ANTIMICROBIAL<br>RESPIRATOR                                       | 9dHER<br>ANTIMICROBIAL<br>RESPIRATOR                                       | TEST METHODS*   |
|--|--|--|---|
| Design                                 | Duckbill-type  | Duckbill-type  | N/A   |
| Bacterial Filtration Efficiency (BFE)  | ≥ 99.8 %   | ≥ 99.8 %   | ASTM F2101  |
| Viral Filtration Efficiency (VFE)      | ≥ 99.7 %   | ≥ 99.7 %   | ASTM F2101  |
| Synthetic Blood Penetration Resistance | 160 mm Hg pressure   | 160 mm Hg pressure   | ASTM F1862  |
| Inhalation / Exhalation Resistance     | ≤ 10 mm H <sub>2</sub> O inhalation<br>≤ 15 mm H <sub>2</sub> O exhalation | ≤ 15 mm H <sub>2</sub> O inhalation<br>≤ 20 mm H <sub>2</sub> O exhalation | 42 CFR Part 84.180 and<br>NIOSH TEB-APR-STP-0007 & RCT-APR-STP-0003 |
| NaCl Aerosol Penetration Test          | ≤ 5 %  | ≤ 1 %  | 42 CFR Part 84.181 and<br>NIOSH TEB-APR-STP-0058 & -0059            |
| Primary Skin Irritation Index          | 0  | 0  | ISO 10993   |
| Dermal Sensitization                   | No response observed   | No response observed   | ISO 10993   |
| Cytotoxicity - Agar Overlay            | ≤ Grade 2  | ≤ Grade 2  | ISO 10993   |

\*All tests conducted by an independent laboratory.

### THE EFFICACY OF NOVEKO'S PATENTED ANTIMICROBIAL TECHNOLOGY HAS BEEN DEMONSTRATED AGAINST A WIDE VARIETY OF MICROORGANISMS, INCLUDING:

- Human Influenza A Virus (H1N1) (A/PR/8/34)
- Swine Influenza A Virus (H1N1) (ATCC VR-99)
- Avian Influenza Virus (H5N1) (N1BRG-14)
- *Staphylococcus aureus*
- *Klebsiella Pneumoniæ*
- MRSA (Methicillin-Resistant *Staphylococcus aureus*)
- *Streptococcus Pyogenes*
- VRE (Vancomycin-Resistant *Enterococcus*)
- *Acinetobacter Baumannii*
- Endospores of *Bacillus Atrophæus*

### Also Available

#### 3xEZ-L

(Low Fluid Resistance)  
ANTIMICROBIAL  
MASK



#### 4xEZU

(High Fluid Resistance)  
ANTIMICROBIAL  
MASK



#### RD2

FFP2  
ANTIMICROBIAL  
RESPIRATOR



#### RD5-V

NIOSH N-95  
RESPIRATOR

