

## The FitSeal™ N99 NIOSH Certified Adhesion Filtering Respirator

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The new FitSeal™ N99 NIOSH adhesion respirator face mask, is the next generation in personal respiratory protection. The FitSeal™ N99 adhesion respirator face mask will provide unsurpassed respiratory protection against biological agents that is hundreds of times more effective than standard conventional strap type masks.



Fitseal™ is the first and only one-size-fits-all (conforming to almost all facial contours) adhesion filtering facepiece respirator approved by NIOSH under rule 42 CFR Part 84, and it has met the additional testing requirements for new technology as part of respirator certification. FitSeal™ provides unsurpassed respiratory protection from toxic dust particles, disease-causing bacteria and viruses including H1N1 swine flu, H5N1 avian flu, and TB. In fact, the FitSeal™ respirators are recommended by the Centers for Disease Control [CDC] against TB under our [NIOSH] certifications.

**"Respirators that don't seal properly around the face offer only the illusion of protection"  
Occupational Safety and Health Administration (OSHA) Technical Manual, Section VIII**

### Protection

The FitSeal™ respirator does not require exhalation valves that can spread disease from the wearer coughing or sneezing to those nearby.

- Two-way multi-layered advanced filtration media captures toxic, allergenic, and infectious airborne particles
- Extremely low particle penetration of 0.3 micron-sized particles at an airflow rate of 85L/min
- CDC recommended against M. tuberculosis
- Puncture-, crush-, tear-, and fluid-resistant
- Synthetic Blood Penetration tested (ASTM F1862); no penetration observed in 32 samples
- Flame-resistant tested (FDA 16 CFR Part 1610 Class 1); no flame spread
- No exhalation valve that can spread disease-causing germs
- "N" type Fitseal™ respirators can be used for up to 8 hours against particulate aerosols free of oil
- "P" type Fitseal™ respirators can be used without time restrictions for use against all particulate aerosols, including oily atmospheres
- Minimal accumulation of heat, carbon dioxide, and moisture

**The FitSeal™ adhesion technology offers a molecular barrier to prevent the penetration of submicron viruses.**

## Comfort

- Easy to breathe and communicate through
- Large surface area ensures comfort and allows for ease of breathing and talking
- Maintains an effective adhesion seal even if worn upside-down
- One-size-fits-all design readily conforms to most facial contours
- Does not interfere with headgear
- Reduces fogging of glasses and other protective eyewear
- Uses an FDA-cleared skin adhesion system that is safely employed in hospitals worldwide and has been tested by advanced skin research dermatology laboratories
- Hypoallergenic, latex-free, and fiberglass-free
- Unsurpassed reliability and secure fit is maintained even during intense physical activity so you can Breathe with Confidence



## Practicality

- Flat design for compact packaging and portability
- Eliminates the need to procure, re-test, and inventory multiple styles, sizes, and makes of conventional respirators
- Assures availability at time of need
- Simplifies fit-testing procedures (reduces time and cost)
- Contains no metal components, so will not interfere with medical imaging technologies such as MRI, X-ray, Ultrasound, Proton Beam, and EMR

**Cutting Edge Catalog 800-497-9516**

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**RESPIRATOR**  
**Fitseal**  
Breathe with *confidence*™