

# PARTICO

## Particle Filtration / Biological Escape Mask

The PARTICO P3 filtration mask is a respiratory protection device built for long-term use in environments containing high concentrations of particles. It is specifically designed to protect users against airborne plagues. The mask's construction incorporates several features meant to provide maximum protection and ease of use. Its filters are fitted with an electrostatic particle filtration layer, providing HEPA P3 (99.95% filtration) protection levels. The rubber hood covers the entire head and seals around the neck, providing crucial protection against contaminants that can enter through the eyes.

The mask's inward leakage rating far surpasses that of N95 masks. On average, only 1% of breathed contaminants bypass the filtration system of the PARTICO, an order of magnitude better than the recommended N95 respirator's 10% maximum. The neck-seal design also makes it usable for people with long hair and facial hair, and it can be used even while wearing glasses (if necessary). The respiration device allows comfortable breathing and prevents build-up of CO<sub>2</sub> and humidity within the mask. Combined with the large visor specially treated against fogging, it provides maximum visibility.

Particle Filtration (%)	>99.995
Dimensions (LWH cm)	14.5x12x3.5
Weight (grams)	250
Sectors	Defense Military Law enforcement First responders

