

NASK Products Catalog



INTERNATIONAL MARKETING DEVELOPMENT SERVICES BY

IMDS – IMDSMEDICAL

Manufacturer representative EMEA



N A S K

Protect with Technology



INTERNATIONAL MARKETING DEVELOPMENT SERVICES BY

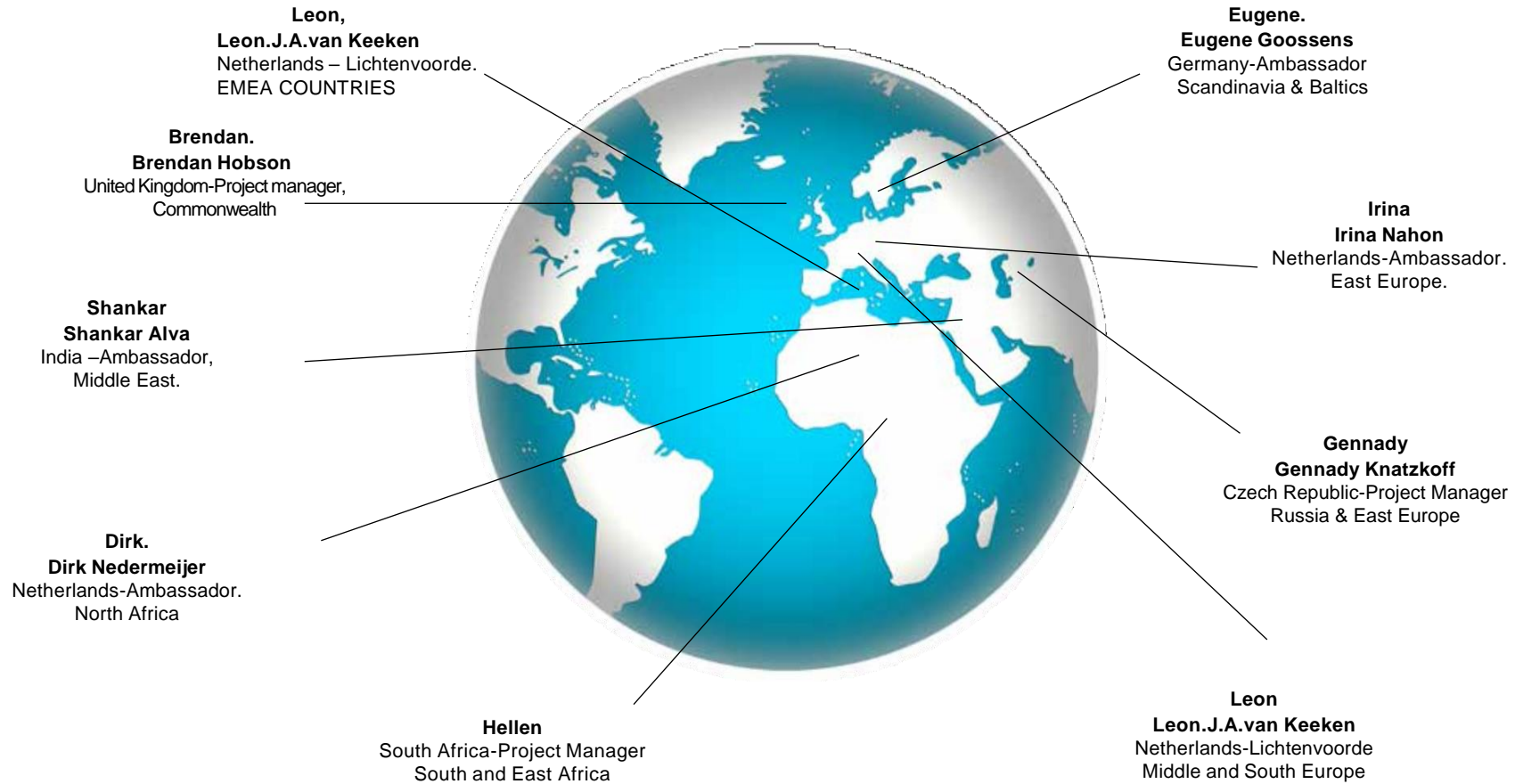
IMDS – IMDSMEDICAL

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Unique NASK Nanofiber Smart Mask



OUR INTERNATIONAL TEAM





Premier Edition



NASK Nanofiber Respirator (N99)

The 1st N99 Nanofiber Bacteria Killing Respirator - Comfort and Strong Protection

Technology Merits

■ Bactericidal Function

- The patented technology exhibiting bactericidal function to minimize cross-contamination
- The world's Unique Nanofiber Bactericidal Respirator with N99 filtration efficiency
- kill major groups of bacteria (*Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Streptococcus pneumoniae* and *Klebsiella pneumoniae*) *

* Nelsen Labs, US, kills over 99% of Bacteria within 5 minutes

■ Respiratory Comfort

- The porous structure of nanofibers allows NASK to achieve high filtration efficiency with low air resistance. It is also light to wear.
- Phenomenon of mist over glasses is not observed
- High breathability and can be worn during sleep with the blood oxygen level remains unchanged

■ Filtration by Multiple Mechanism

- Trap airborne contaminants of various sizes including the Most Penetrating Particle Size (MPPS)
- The specific surface area ratio of ordinary materials is increased by more than 10,000 times and leads to a higher loading capacity
- Blocks viruses such as SARS, chicken pox, various types of influenza, measles and even Ebola



Competitive Advantage

- Effective protection against smog, most contaminants and viruses, kills bacteria on contact.
- High Filtration Efficiency (The test results of Nelsen Labs, US > 99% Filter Efficiency at MPPS)
- Super Breathable (The test results of Nelsen Labs, US < 18 mmH²O Inhalation)
- Lightweight and comfortable to wear whole day long and when sleeping

Application

- For the general public, people working in medical, health centers, highly polluted or sweltering environments and having concerns about respiratory protection

Certificate

- Technologies and inventions patented in the U.S., China, HK, Europe and Japan
- 2018 R&D 100 Award (The Oscars of Invention) Finalist from over 3,000 entries all over the world
- Medical device (Passed the ASTM Level 3 (US standard) / Type IIR level required by EU medical device EN14683)

Design

- 3D Design
- Ear-loop; Easy to wear

Packing

- Single piece per pack, hygiene and safe to use
- Adult – 5 pcs pack / 50 pcs pack ; Kids - 5 pcs pack

NASK Nanofiber Respirator (PM2.5)

World' s 1st Nanofiber PM2.5 respirator – A Grade (Highest Protection)

Special-Use Edition



Technology Merits

- 2017 Geneva International Invention “A + Gold Award”
- The world's first nanofiber PM2.5 respirator
- Integrated P95 (Oily) / N95 (Non-oily) Filter materials
- Effectively block oily and non-oily pollutants in the air, including Most Penetrating Particles Size(MPPS) and PM2.5 particulate contaminants

Competitive Advantage

- Ultra-thin, Ultra-breathable, Ultra-lightweight, providing wearers with high protection and comfortability
- Athletes blood oxygen level remains normal after wearing mask for strenuous exercise
- Meet international standards for filtering P95 (oil resistance) and N95 (non-oil resistance) pollutants
- Effectively filter invisible pollutants, viruses, car exhaust, second-hand smoke, formaldehyde, dust mites, haze, volatile chemicals in the air

Application

- Special-use masks for workers in severe air pollution, construction sites and sweltering environments
- Special-use masks for athletes exercising outdoor to combat polluted environment
- Effectively blocks viruses, bacteria, and air pollutants, can be used in the medical and health care industry

NASK Nanofiber Respirator(PM2.5) World' s 1st Nanofiber PM2.5 respirator – A Grade (Highest Protection)

Special-Use Edition



Certificate

- Class A of Technical Specification of Daily Protective Mask (Top Class (Most Severe Pollution) of the standard of GB32610) proven by GTT (a designated lab of The National Quality Supervision and Test Centre for PPE, Beijing)
 - ✓ Very low inhalation resistance (Test results from GTT: <15 mmH₂O)
 - ✓ N95 Filter Efficiency (Test results from GTT: > 95% Filter Efficiency)
 - ✓ P95 Filter Efficiency (Test results from GTT: > 95% Filter Efficiency)
- Medical Grade (Passed the Passed the ASTM Level 3 (US standard) / Type IIR level required by EU medical device EN14683)

Design

- 3D Design
- Ear-loop; Easy to wear

Packing

- Single piece per pack, hygiene and safe to use
- Adult – 50 pcs / box

Model no. M0011

Professional Edition(CE)

NASK Nanofiber Respirator– (Pro CE FFP2) World’ s 1st CE Certified Nanofiber Bacteria Killing Surgical PPE



Technology Recognition

- World’ s 1st CE Certified Nanofiber Bactericidal Surgical Personal Protective Device (PPE) (FFP2+IIR)
- Bacteria Killing* (Nelsen Labs, US : Kills over 99% of Bacteria within 5 minutes)
 - * (Tests include Staphylococcus aureus, Pseudomonas aeruginosa, Streptococcus pneumoniae and Klebsiella pneumoniae)

Competitive Advantage

- High protection against leakage from side seals (BSI, UK : FFP3 level)
- High protection in the hospital environment (Nelsen Labs, US : Type IIR level)
- Effectively block oily and non-oily pollutant particles (BSI : NaCl Exposure Test > 99% - FFP3 level, Paraffin Oil Exposure Test > 95% - FFP2 level)
- Low Inhalation resistance (BSI, UK : FFP3 level)
- Protects against oil mist, metal shavings, toxic solids, liquid or radioactive particles, and high-contamination Environment
- Over 8 hours of continuous use

Application

- Professionals including doctors working in CDC, dentists, medical staff and laboratory personnel
- Provide workers with PPE in extremely harsh indoor / outdoor areas to filter out toxic chemicals and particles in the air (e.g. carcinogenic particles emitted during laser surgery operations)
- Suitable for all kinds of metal work, high fine dust and highly polluted environment





Model no. M0011

NASK Nanofiber Respirator– (Pro CE FFP2) World' s 1st CE Certified Nanofiber Bacteria Killing Surgical PPE

Professional Edition(CE)



Certificate

- CE PPE : Category III - BSI (CE2797) Full Certification (EU Standard EN149:2001 + A1:2009)
- Bacteria Killing (Nelsen Labs , US : Kills over 99% of Bacteria within 5 minutes)
- US / EU Medical Device Grade (US ASTM F2100-11 Class 1 Level 3 Barrier / EU Standard EN14683:2014 Type IIR level)

Design

- 3D Design
- Head Straps with 2 x S-shape plastic clips; Easy to wear
- One-for-all Size

Packing

- Single piece per pack, hygiene and safe to use
- Adult – 5 pcs or 50 pcs per box with 100pcs of plastic clips;

NASK Nanofiber Respirator (Pro NIOSH N95)

Feather-light & Breathable NIOSH Certified Respirator

Professional Edition(NIOSH)

Technology Recognition

- The world 's first NIOSH N95 certified nanofiber respirator (Approval No. TC-84A-7761)
- Effectively improve inadequate protection of traditional surgical mask and poor breathability of current N95 respirators
- NASK's patented nanofiber technology has better performance in terms of filtration efficiency, air permeability and protection compared to well-known brands in the world (see Journal of Hospital Infection <https://www.sciencedirect.com/science/article/pii/S0195670119304025>)
- Light weight nanofiber membrane to achieve high filtration efficiency with low breathability resistance
- Bacteria Killing (Nelsen Labs, US: Kills over 99% of Bacteria within 5 minutes)

Competitive Advantage

- The high specific surface area of nanofibers increases the dust loading capacity, and the filtration efficiency of NaCl particles >95% (Nelsen Labs, US: > 99% Filter Efficiency)
- Highly breathable, inhalation and exhalation resistances are less than 13 and 9 (mmH₂O) vs NIOSH requirements: inhalation and exhalation resistances are 35mm and 25mm H₂O respectively
- Suitable for whole day use without intermittent
- Filter pollutants with different particle sizes in the air, including Most Penetrating Particle Size (MPPS) - 0.26-0.3 micron particles



NASK Nanofiber Respirator (Pro NIOSH N95)

Feather-light & Breathable NIOSH Certified Respirator

Professional Edition(NIOSH)



Application

- Strong protection against germs, bacteria and smog, suitable for medical, health care centers and highly polluted environments
- Suitable for professionals such as surgeons, dentists and medical and health care staff

Certificate

- U.S. NIOSH Full Certification (Complied NIOSH 42 CFR 84 Requirements)
- US / EU Medical Device Grade (ASTM F2100-11 Class 1 Level 3 Barrier / EU Standard EN14683:2014 Type IIR level)
- Kills over 99% of Bacteria within 5 minutes(Test result from Nelsen Labs, US)

Design

- 3D Design, Over-head style

Packing

- Size : Adult - Large, Medium & Small
- 50 pieces per box, placed in two plastic zipper bags (25 pieces each)



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