CE Certificated, FFP2 Grade

AirQUEEN Breeze Mask

Powerful filtering, excellent permeability
Introducing easy-to-breathe mask with exceptional filter!





MADE IN KOREA

Made with our own proud technology-AirQUEEN Breeze Mask

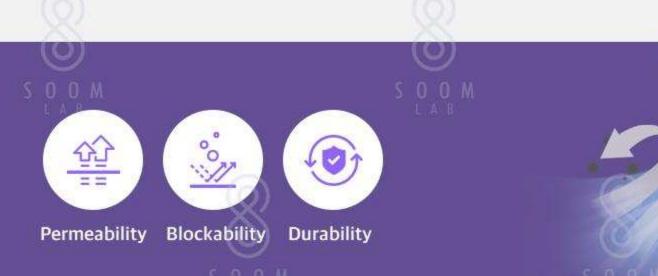
- Nanofiber Filter Manufactured by: LEMON Co., Ltd.
- Mask Manufacture & Distribution: TOPTECCo., Ltd.

Nanofiber Filter

Breathing New Technology, Nanofiber

Nanofiber Filter

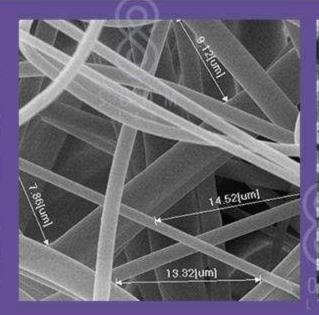
Nano fibers are only 1 nanometer, 1 billionth of a meter, in thickness. Nanofiber is a new material made by building these fibers sterically for a fishnet structure that has better permeability, blockability, and durability than any fiber ever invented.

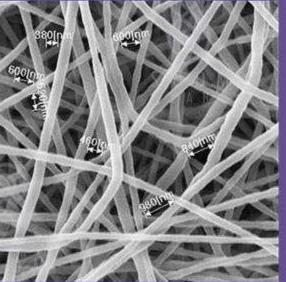


Nanofiber Filter has a different fiber thickness / space between fibers / filtering method from the existing electrostatic filter

5,000 times enlarged

The fiber is thick Average space between the fibers is over 10µm





Nanofiber Filter
15,000 times
enlarged

Very thin, nano thickness Average space between the fibers is 1.0µm, with self-filtering We asked professor Kim Iksu, the most renowned professor in the fiber research area.

What kind of material is Nanofiber?

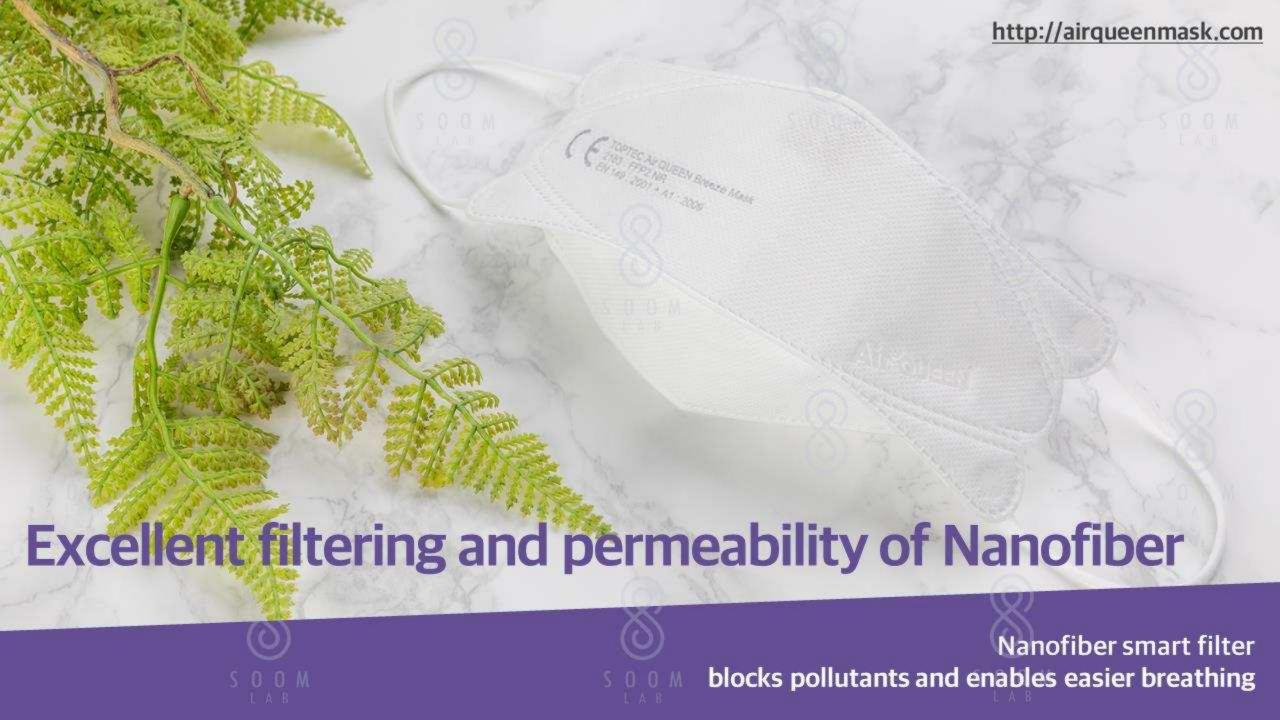
The thickness of a nano fiber is only a thousandth of a strand of hair. Nanofiber is a material made by building these fibers sterically for a fishnet structure, and nanofiber of 85% processing rate has both permeability and blockability.

The Nanofibers of LEMON have consistent thickness and pore size. This means the ratio of the pores in the general area becomes very high, which is relevant to permeability.

Because it touches the nose and the mouth, this fiber is very appropriate for masks where permeability is important



The effectiveness of electrostatic masks decreases with each breath due to the moisture Nanofiber Filter has great permeability, so you can feel fresh even after a long term use



Wearing mask all day causes skin trouble (C Newspaper)

Must wear permeable masks (M Newspaper)

Pimple breaks out due to wearing masks
(National Health Insurance Service blog)

If you care about the skin, permeability is even more important

There is moisture in our respiratory system
If a mask has bad permeability, the moisture from within
cannot escape, which causes eczema

If you wear a mask for a long time, you really need a permeable mask

Because we need to wear it all day, http://airqueenmask.com we made it lighter.

AirQUEEN Breeze mask 4.38g

Lighter than a sheet of paper, so you won't even realize wearing it!

3D ergonomic design to fit perfectly on all face types.

Nose bridge prevents sliding or fogging up.







EU TYPE EXAMINATION CERTIFICATE

Cavillicate No. 2163-PPE-1435

Apprecia-process do law, their fact roots to provid against particle manufactured by

TOPTEC CO., LTD.

(16.2), Openstagung Sen, Sandarp reprint, Comiré, Gyrongenghalish, Republic of Kiron are need and realisated according to

TAR SHARE A RESIDENCE OF THE PARTY OF

EN 149:2001 + A1:2009 Respiratory Protective Devices -Filtering Half Masks to Protect Against Particles -Requirements, Testing, Marking

Based on the type communities conducted with the involvation of two regions, technical Sistematics for Privated Privated Engineering Engineering (SUS) 2010/427 Amer. 1. 4 is appeared that the product never the requirements of the regulation.

Product Deliables Bread Name: Air Queen Madel: Diversi Made

Filtering tolf room Classification (FFP) NS

Here to the manufacture is altered as one worked body wonder (2165) and one for CE mark, on the Chapter (C) product would be seen there will.

- shows below, on the Category III product enable gives show, with:

 being as appropriate IV, Vockouskey of Conferenty animaling as Personal Frakes
 Reviewed Regulation (DN) 1010-GD Amont 9.
- Ougrang accountal performance in hall/forms of the requirements are use in Personal. Protective Equipment Regulation (EE) 2018-125 and intrinsimal association mental by secretainth laund on Associat (Modelle C2) or Asiast 8 (Modelle D) of the regulation on her hard to see from the buyening of what production.

This conditions is initially located as \$1.0900000 and with to railed by \$7 years, if there is an offence in the yelename translated effecting the executed booth and unkey supplements.





Certificate No: 2163-PPE-1433

Respiratory protective devices, filtering half masks to protect against particles manufactured by

TOPTEC CO., LTD.

140-22, Cheomdangieop 5-ro, Sandong-myeon, Gumi-si, Gyeongsangbuk-do, Republic of Korea

are tested and evaluated according to

EN 149:2001 + A1:2009 Respiratory Protective Devices -Filtering Half Masks to Protect Against Particles -Requirements, Testing, Marking

Product Definition

Brand Name: Air Queen Model: Breeze Mask Filtering half mask Classification: FFP2 NR CE FFP2

http://airqueenmask.com

AirQUEEN Breeze Mask is a FFP2 grade level mask that has officially been certified by European Commission



- Certificate No : 2163-PPE-1433
- Model Name : Air Queen / Breeze Mask FFP2 NR







FDA

http://airgueenmask.com

AirQUEEN Breeze Mask is registered with FDA 510(k).





- Device Class: Class2
- 510(K) Number : K172500



KOREA REPUBLIC OF

NIOSH

Tarri Article: Air Quaen Brescot Mani

Balt Line City, UT BITUS U.S.A.

Standard Text Protocol (STP) Number: ETPO:14 Rev 09

42 CFR. Part 54 and TES-AFR-5TP-0019 for requirements on a MRI temperatur. Respirators were conditioned then tested for particle production against a polydispersal, sodium chloride (NaCI) particulate sergest. The challenge across was street, neutralized, and passest through the text which at a concentration not according 200 regim. The mittel artibos resistance and particle personalization for each

process with NOSH. Results seen below use part of that pretenting and must be submitted to and accepted by MICEH for requiremy approval.

All test method acceptance criteria were met. Testing was performed in conglicture with US VISA or endacturing practice (GMP) regulations 21 CFR Parts 210, 211 and 620.

100
ia.



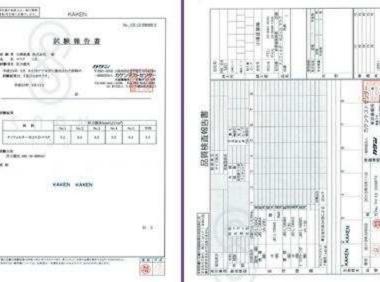
AirQUEEN Breeze Mask has passed every conformity evaluation test for N95 and CE FFP2 certificates.

Filter efficiency meets all of the N95(NIOSH) and CE FFP2 performance as 96.03%~99.694% and it has been found to have excellent functions in inhalation resistance(under 35mmH2O strandard 8.2~8.8mmH2O) and exhalation resistance(under 25mmH2O 7.9~8.3mmH2O standard), making it a differentiated breathing convenience with the filter function of the mask.



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Nanofiber filter is approved its safety by KAKEN which is Japanese Certification Authority.

Approved for safety by KAKEN TEST CENTER which is a Global Certification Authority evaluate a quality and a performance of textile products, household goods, and functional high-tech materials as an analyze center of JSTIIF.



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This is an industrial product that passed the tests of KF94 and is [currently in process] of being approved by the MFDS

Applied for the KF approval at the MFDS early April of 2020 after passing the test done by KCL, a testing institute designated by the MFDS.

It is manufactured with the same technology as Technoweb Disposable dustproof mask (KF94) from FTENE, the subsidiary company of TOPTEC, but if the manufacturer or brand is changed, the approval from the MFDS needs to be renewed, and until then, it cannot be publically distributed.

KOTITI 시험연구원 인류의 안전을 추구하고 미래기술을 선도하는 글로벌 비즈니스 파트너 Global Business Partner for Human Safety and Future Technology

TEST REPORT

8220-1509-104821-002 AirQueen Breeze MASK sparstyReference/Etc Weight/Volume Expiry Date TOPTED On UM President. 22. Asanvalley-rs. Dunon-myeon. Asan-si Address Telephone 08+10-5182-2304 Test Item & Test Result Test Standards Test Method Water droplets do not fall within Liquid resisteano **Guidelons** for 30 minutes 30 minutes etting test items

Technical Manager: Man Sik Wang

The test results above shall be only subject to the requested test items

the case of insufficient space on the page, test items and test results may be written in the appendix

When advertising test results or indicating test results on containers or packages. the entire content of the test report shall be indicated.

This report produced in relation to the services will not be related with MFDS. And MFDS in not legally liable

KOTITI Testing & Research Institute



111. Sagimakgol-ro, Jungwon-gu, Seongnam-si, Gyeonggi-do, Korea

(PAGE 1 OF 1)

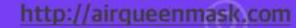
ANTI-DROPLET

Passed Korea's Ministry of Food and Drug Safety quality control standard(KF-AD) for anti-droplet face mask

What is anti-droplet face mask?

Unlike surgical and procedural masks (such as KF80, KF94, KF99) worn by medical professionals, anti-droplet face mask was made for people who need to wear them for daily activities as recommended by Korea Centers for Disease Control and Prevention.

While surgical masks can cause discomfort in respiration, this type of face mask allows for easier breathing, has relatively similar filtration rate (KF55~80%), and has anti-droplet function.





한국할랄인증서 CERTIFICATE OF KOREA HALAL

korea halal

인증변호 (Certification No):KHA-20F-00362904

한국합립인증원(KHA)은 아래 조직에서 생산되는 재종에 대하여 다음 인증규칙의 요구사항 여 적합한을 인증합니다.

Korea Halal Authority(KHA) certifies that product manufactured by the Below organization compiles with the requirements and certification scope of the following certification standards.

회사명(Name of Company): 주식회사 듬택/ TOPTEC CO., Ltd.

회사주소(Company Address): 충남 아산시 둔포면 아산벨리로 122 122, Asanvalley-ro, Dunpo-myeon, Asan-si, Chungcheongnam-do, Korea

인증제통명(Name of Products): 나노 마스크(Air Queen)/ Nano Mask(Air Queen)

인증규격(Certification standard): KHAS 29000-할말 공산용통 일반 규정 KHAS 29000-General Standards For HALAL Industrial Products

이 인증사에 명시되지 않은 다른 제품들은 활할 제품으로 인정하지 않습니다. We do not approve of any other products not specified in this certificate as Halal.

원증발행일자(Certification Date of issue): 29.04.2020 인증만료일자(Certification Expiration Date): 28.04.2021



Chief Executive Officer Safiah Weon-Suk Kim



Korea Halal Authority certifies the Air QUEEN





Certification No: KHA-20F-00362904

Name of Products : Air Queen / Nano Mask

Certification standard: KHAS 29000-General Standards for HALAL Industrial

Products





PATENT



(45) 중고일자 2011년06월09일 (11) 등록번호 10-1040055 (24) 등록임자 2011년06월0 2011/406/4029

범인신라대학인유하부소속

일본 나가스의 바쁘오오시 이사의 2요에 1만 121 주식회사 중에 성당하도 구여시 산동면 분들히 200면서 2011年20日報24日

경상하도 구여서 상동병 분성의 360 (주)용에

(56) 计键对象系统符号 \$21000000000744 A A-2T1415800096 刘婧 原分性 今二条 14 型

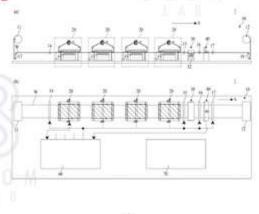
1.380007495. 변수에다시도까다 15-14일세탁

(54) 전계방사장의 및 나노성은 제조장의

노중 점속을 많지 된 방태에서 집약되어 고면답을 연가하여 전체 방사를 하는 경우라도, 난달한 동안을 자시 나는 점취를 높은 생선생으로 대명생인 하는 병이 가능한 선생님사람들을 제공한다.

(7x) (84) (6

에 해당 본과국의 선점이 받아 선정은 형이를 전혀 살아 1997를 무하였는 선생에서 무너 2012년 - 현생이 1501년 들어하는 위치에 휴면 지속들이 해설한 전면성 보면 다운성의 생물리스 생으로 시작이지는 보호 생인(172) 및 비 양 보고 웹트(1721집 명적이번(제)의 이술 속당에 대응하는 최연 속도로 회전시키는 보고



- Patent Registration no.: 10-1040055
- Name of Invention: An electrospinning device and an apparatus for manufacturing nanofiber

The Nanofiber Filter of AirQUEEN Breeze Mask is manufactured with patent technology.

Cutting-edge technology that mass-produces consistent nanofiber filters Selected as one of 100 technologies to lead Korea in 2020 Approximately 50 patents around the world





Proven suitable for ISO 9001 quality management system

GERMAN CERT

Environmental Management System Certificate

Reserving the state of th

Proven suitable for ISO 14001 environment management system

The Nanofiber Filter used for AirQUEEN Masks is produced in a facility approved for environment management system, so it is safe and sanitary.

No. F650101/LF-CT5AYGA15-00327

Issued Date: 2018. 01. 16. Fage 1 of 17

1105-65 Sanho-dawro, Sandong-Hyeon

Gurries, Gyeongous,

The following sample(s) was/were submitted and identified bylon behalf of the olient as a



SGS File No I AVGA18-00327

Product Name : Nano membrane (sanitary pad)

Hem/Part Name

Received Date

1 2018 01 59

Test Period Test Requested 2018.01.00 - 2018.01.16

 One hundred-Severty four (174) substances in the Candidate List of Substances of Very High Concern (\$194C) for authorization published by European Chemicals Agency (ECHA) on July 7, 2017 regarding Regulation (BC) No. 1907/2006 concerning the

Eight (I) substances in the Public Consultation List of potential Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on Sep 5, 2017 regarding Regulation (EC) No 1907/2006 concerning the REACH.

Test Method

PSease refer to next pagers)

Test Result(s)

Flease refer to next page(s)

According to the specified scope and evaluation screening, the test results of SVHC are ≤ 0.1% (whi) in the articles of the submitted sample.

5G5 Korea Co., Ltd

Jeff Jang / Chemical Lab Mgr



Metal material and harmful compound not detected



Organic solvent and compound not detected SGS

The Nanofiber Filter of AirQUEEN Breeze Mask is approved by European SGS, REACH, and RoHS, and therefore is safe.



- Lead N/D
- Mercury N/D
- Hexavalent chromium N/D
- Other 182 categories N/D





http://airqueenmask.com



Product: AirQUEEN Mask

Manufactured in: Korea

Manufacturer: TOPTEC

Distributor: TOPTEC

Weight: 4.38g

Product Type: Mask

Expiry Date: 36 months

 Storage Directions: closed container, in room temperature (1~30°C)

 Entire Ingredients: felt (outer fabric, filter, inner fabric), plastic sheath wire, polypropylene ring, nylon strap



AirQUEEN Mask is an industrial product.

AirQUEEN Mask uses the Nanofiber Filter technology of LEMON and is manufactured by TOPTEC.

Currently, the MFDS approval is being processed, and when it is approved as sanitation mask, 80% of the product supply will be distributed as public distribution.

http://airqueenmask.com



Masks are a must! Prepare in advance with AirQUEEN Breeze Mask!

SOOMLAB is a partner of LEMON that joint-developed the Hyper Purifying Breathing Mask which is SOOMLAB's unique brand that has exclusive sales right.

SOOMLAB is a primary sales company of AirQUEEN Breeze mask and authorized as a distributor by TOPTEC, a parent company of LEMON.

SOOMLAB and BOOSTERZ are in charge of marketing, distribution, and sales of AirQUEEN Breeze Mask.

[AirQUEEN Mask mass purchase inquiry]

Email: contact@soomlab.co.kr Store: http://airqueenmask.com

