Now you can relax whenever you go out!

MAKE YOUR DAY
MORE REFRESHING!

The company pursues clean air in the nose, Airlab

AirLab

01 NOSECLEAN INTRODUCE

Brand

Brand name
NoseClean

Brand Image
Clean and refreshing nose of human is embodied.

Application of NoseClean use

The product is designed to help the user breathe clean air easily by filtering various pollutants from the air before it enters the nose, **including particulates, yellow dust, pollen, environmental dust, and car exhaust fumes,** via the fine hairs of a natural filter (hanji, or traditional Korean paper) and nano filter 864F.

Example of wearing

Order of NoseClean assembly

Main body(LDPE)	Natural nano filter 864F	Silicon(tube)
		
LDPE, which is harmless to humans.	**Natural hanji, cotton, polyester**	**Silicon, which is harmless to humans.**
Multiple air passages (Air is smoothly ventilated)	·Natural hanji, cotton, polyester 1004F: Primary filtration · Moisture is created due to the temperature difference in and outside the nose when you're breathing: Secondary filtratio	· The filter is secured to prevent separation. · Closely attached to the nasal cavity (No feeling of wearing the product) · Transparent silicon (Invisible from the outside)

How NoseClean difffers from other products

- **'Inside nose filter mask'** with 3-stage assembly configuration
- **'Environmentally-friendly filter'** made with natural hanji and cotton
- **'Sanitary product'** with disposable and replaceable single-use hanji 'gauze'
- Thin and transparent silicon creates a 'comfortable sense of wear' and **'minimal exposure'**
- Addition of phytoncide to reinforce the **anti-bacterial effect** inside the nose
- **Refillable product** with reusable silicon tube and replaceable filter
- Individually customized products available in **various sizes** (product specifically designed for children, small, medium and large sizes)
- As the silicon tube is firmly attached to the nasal cavity, **only the filter is used when breathing.**
- In addition to the **primary filtration** using the fine hairs on the surface of the hanji and nano filter (filament: 1004EA), **secondary filtration** can also be provided using the moisture created inside the silicon (tube) due to the temperature difference in and outside the nose.

01 NOSECLEAN INTRODUCE

Product Materials

Main body

LDPE, which is harmless to humans.

Filter

Cellulose (fabric) (hanji 58%) = natural filter

Polyester [40%, filament 864 pieces]

Cotton (2%) = natural filter

Dual tube

Silicon, which is harmless to humans.

Product Composition

Regular type

Regular type (3 pieces)

Children(Ø8mm), small (Ø9mm), medium (Ø10mm),large (Ø11mm)

❶ 3-stage assembly configuration, no flavor, odorless
❷ Refillable product with a replaceable natural filter (by reusing the silicon).
❸ Comfortable wearing and minimal exposure are possible by means of thin and transparent silicon.
❹ Primary filtration using the fine hairs on the surface of natural hanji and nano filter (filament: 864 pieces)

According to the result of a ultrafine particle collection efficiency test, the product blocked 70% for PM 2.5 or less (KIER).
The result of an automobile exhaust gas test showed that the product blocked 20 to 30%.

Exchange filter regular type (12 sets)

❶ **Natural filter:**
children and small (Ø5x6mm)
medium (Ø6x7mm)
large (Ø7x8mm)
❷ **Material**
Cellulose (hanji content: 58%) = natural filter
Polyeste r(40%)= filament 1004 pieces, ₩
cotton (2%) = natural filter

High-Quality type

High-Quality type (3 pieces)

❶ The product differs from conventional products because Ag (silver) has been added to the silicon to improve the anti-bacterial effect.
❷ Natural flavor and anti-bacterial action due to the addition of phytoncides to the natural filter.

High-quality exchange filter (12 sets)

❶ This product differs from conventional exchange filters in that the anti-bacterial effect is stronger and the addition of phytoncide to the filter creates a natural flavor.

Product specifications

Model name	Small (Ø x H, mm)	Medium (Ø x H, mm)	Large (Ø x H, mm)	Distinction
❶ Regular type (NC-ST)	9 x 9	10 x 10	11 x 11	Silicon, which is harmless to humans
❷ High-quality type (NC-AG)	9 x 9	10 x 10	11 x 11	Silicon contains Ag (silver)
❸ For children(regular) (NC-ST-K)	8 x 9			Silicon, which is harmless to humans
❹ For children(high-quality type) (NC-AG-K)	8 x 9			Silicon contains Ag (silver)
❺ Exchange filter(regular) (FT-ST)	5 x 6	6 x 7	7 x 8	Hanji (58%), Polyester (40%), Cotton(2%)/Odorless
❻ Exchange filter(high-quality) (FT-AG)	5 x 6	6 x 7	7 x 8	Hanji (58%), Polyester (40%), Cotton(2%)/Addition of phytoncide

❶ 1 regular pack + 2 replaceable filter sets
(Filter: Natural filter(odorless))
small size, medium size

❷ Regular type 3 pieces
(Filter: Natural filter(odorless))
small, medium and large size

❸ High-quality type 3 pieces
(Filter: phytoncide, Silicon: Ag (silver))
small, medium and large size

❹ For children
(Filter: Natural filter(odorless)),
Silicon: transparent)
regular type

❺ For children
(Filter: Natural filter(odorless)
Silicon: Ag (silver))
high-quality type

❻ Exchange filter (regular) 12 sets
(Filter: Natural filter(odorless))
kids&small, medium and large size

❼ Exchange filter
(Filter: phytoncide)
small, medium and large size

02 USING NOSECLEAN

How to use NoseClean

01 Form the silicon ring into a U-shape and insert deep into the nostrils.

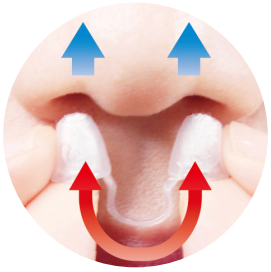
02 Air is filtered via the fine hairs on the surface of the hanji and nano filter 1004F.

03 If the product falls from your nostrils, use a larger size.

04 If you feel that breathing quantity has been reduced, replace the filter.

05 Use from child use to adult use: small size is recommended for women, medium size for men.

06 When a child uses this product, the connecting ring may be visible from the outside.



Precaution

· Before wearing this product, remove any foreign matter from inside your nose using a cotton swab.

·When eating food, remove the product and keep in its storage case.

· Wash the storage case once a day with water and completely dry before using.

· In the case of nasal discharge, first wipe your nose and then replace the filter before using.

· Incorrect wear results in poor air ventilation and other inconveniences. (Refer to the order of wearing)

· Before replacing the filter, wash the silicon with running water and remove only the moisture on the silicon before assembling.

· People who suffer from nasal stuffiness or a respiratory disorder must not use the product.

· In the case of an excessively runny nose, do not use the product.

· People with severe rhinitis must not use the product.

· NoseClean is not a medicine and, therefore, must not be taken orally.

· Do not go to sleep or enter water while wearing this product.

· Refrain from doing hard work or vigorous exercise.

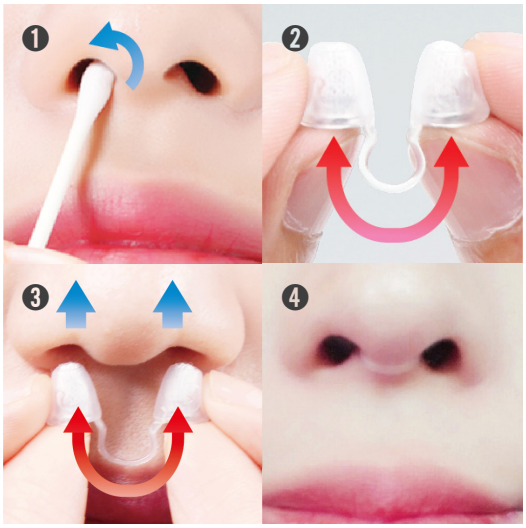
· Do not use the product for any purpose other than the filtration of contaminated air.

· Keep the product out of reach of children.

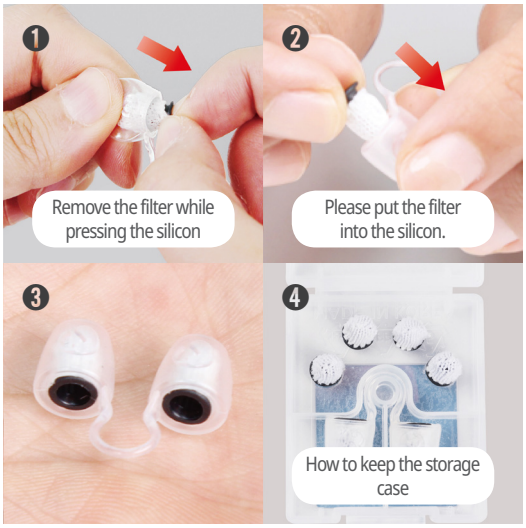
· Do not use the product if the product for children does not fit into the nostrils of your child.

How to use

Product wearing procedures



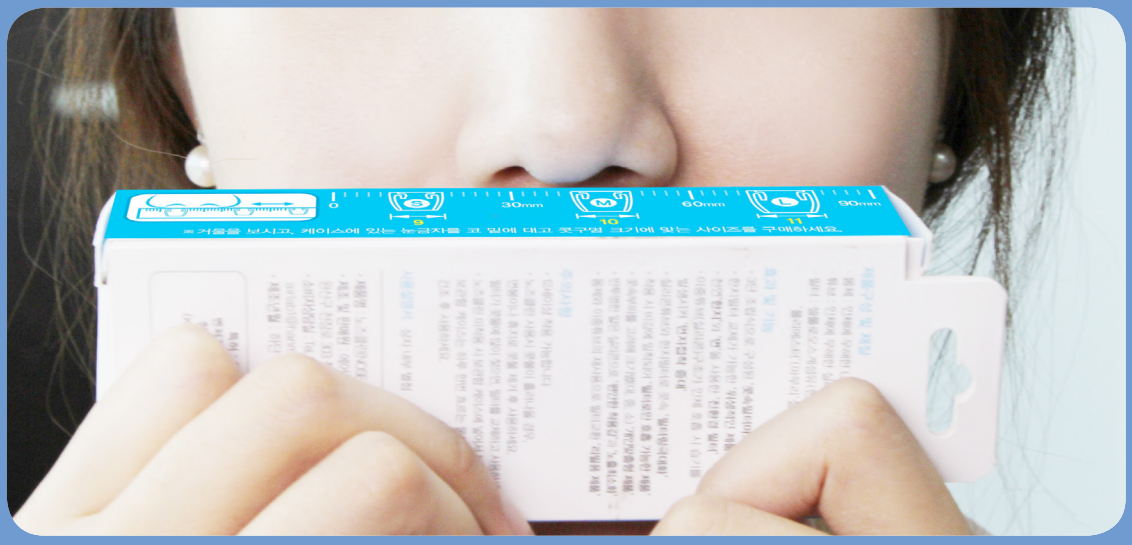
How to change the filter



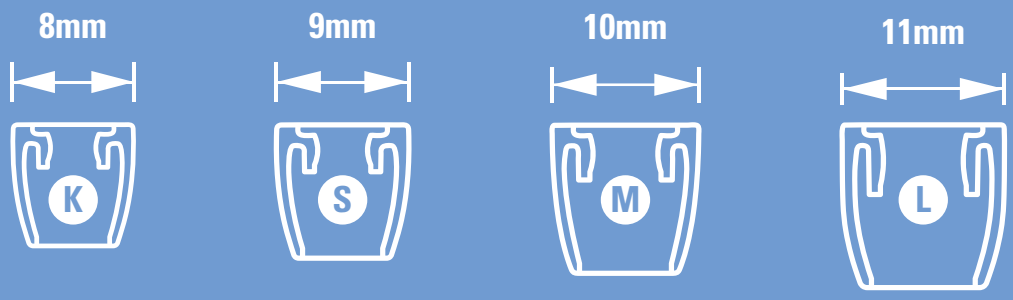
when purchasing the product

Check the size of your nostrils (actual interior measurement)

Example of measurement method

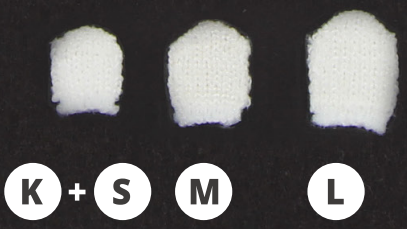


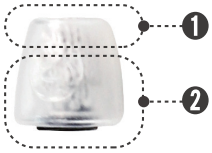
※ Measure the size by placing a graduated ruler (K, S, M, L) under your nose.



	Size	Silicon diameter (Ø) x Height(H)
	For children (Kids)	8x9
	Small (S)	9x9
	Medium (M)	10x10
	Large (L)	11x11

unit: mm

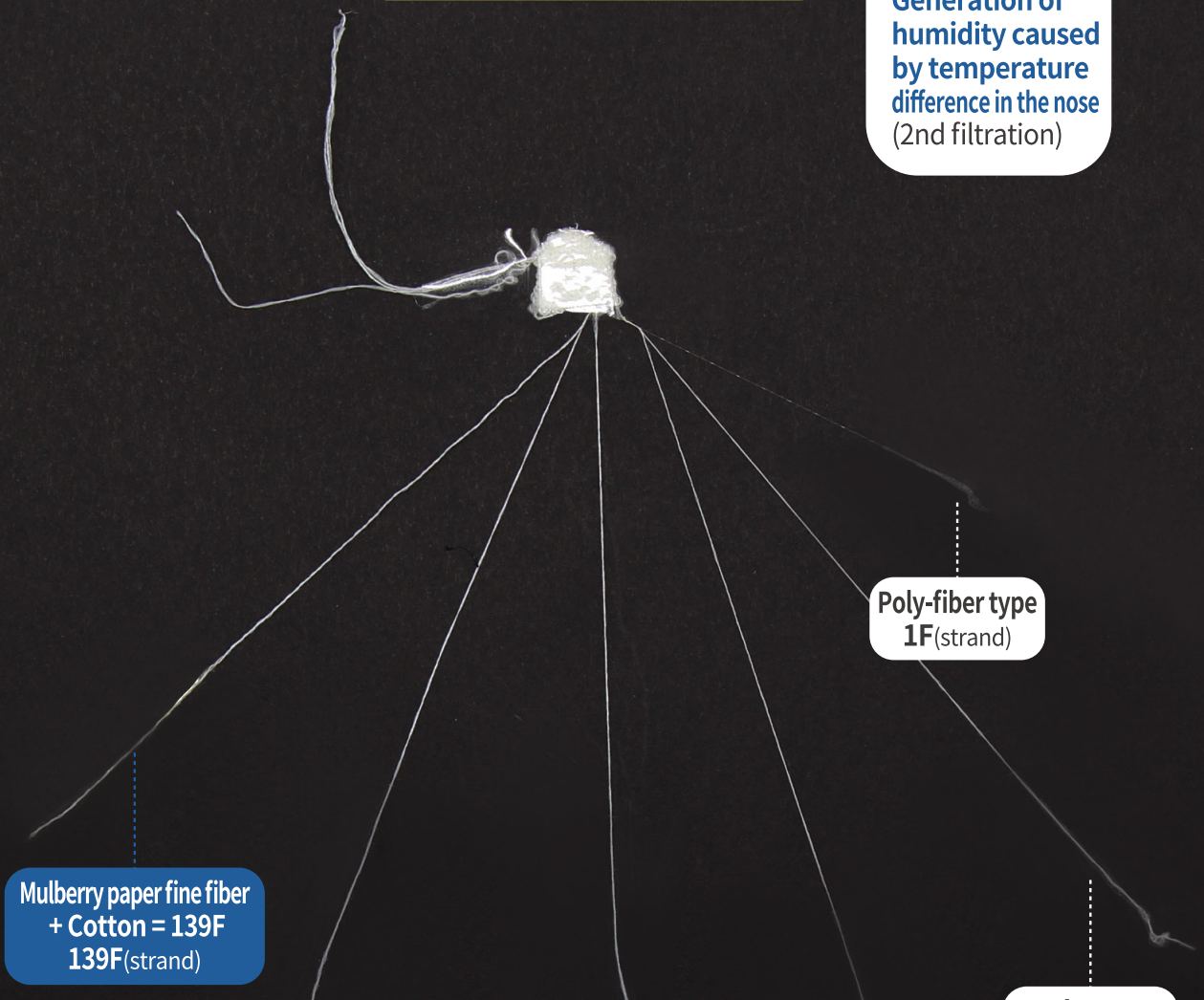




❶ 1004F
Top of 1004F Filter
(1st filtration)

❷
Generation of humidity caused by temperature difference in the nose
(2nd filtration)

Detailed drawing of Nose Clean 2 Filter



Mulberry paper fine fiber + Cotton = 139F
139F(strand)

Polyester 216F(strand)

Polyester 216F(strand)

Polyester 216F(strand)

Poly-fiber type 1F(strand)

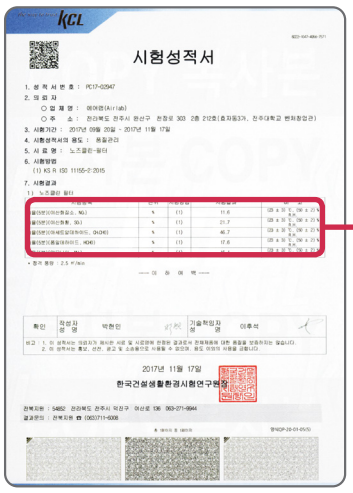
Polyester 216F(strand)

Test Report (for each filter)

Test Items	Test Result
No. of Filaments (EA):: KS K 0215:2012	216 strands

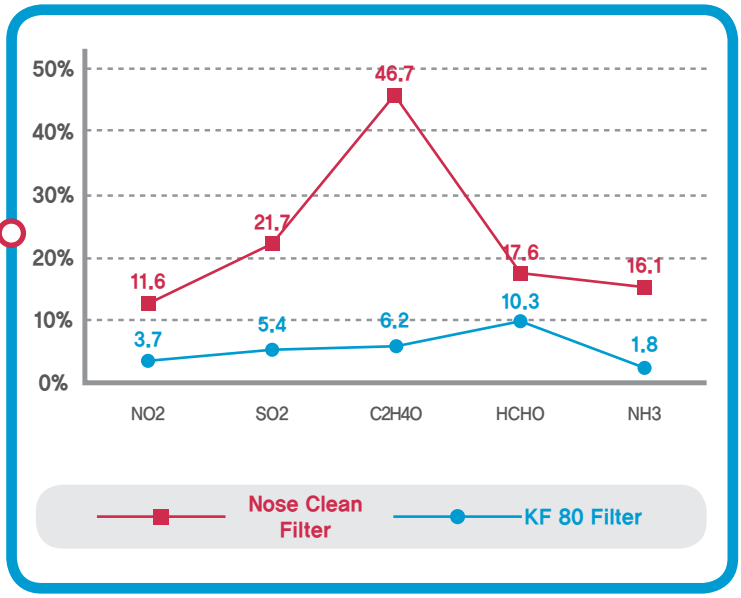
03 PRODUCT TEST REPORT

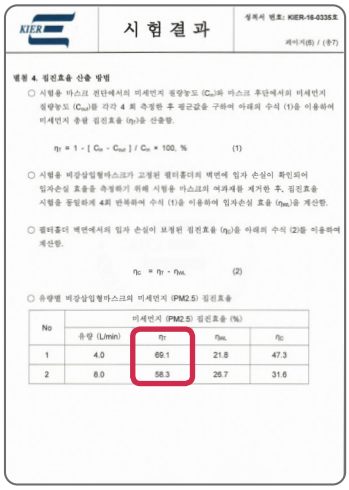
PRODUCT TEST REPORT



Nose Clean Filter
Filter test (gas filtration)

〈KCL Test Result 2017.11.17〉





Test Request :
Filter dust collection efficiency

KIER (Korea Institute of Energy Research)

〈KIER Test Result : 2016. 06. 09〉

1. Test condition

❶ **Test particles:**

Particles generated by an Atomizer (9302, TSI, USA)

❷ **Fine dust concentration :**

Applicable only to aeromechanical diameter of 2.5um or fine dust concentration of PM2.5.

2. Test results

(fine dust PM 2.5 dust collection efficiency testing)

Flux 8.0, when breathing
58.3% filtration
Flux 4.0, when breathin
69.1% filtration

Front
(nasal cavity)

Back
(entrance)