

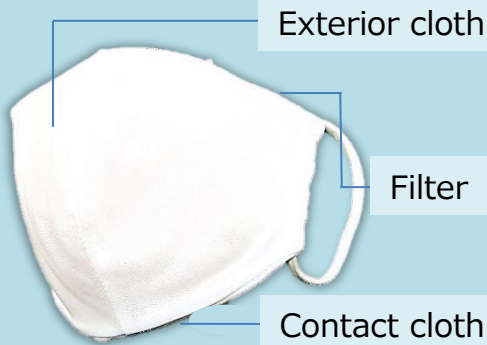
# 3D face mask



For home use (Pollen, PM2.5, Bacteria 95.2% Virus 68.1% prevent) investigated by KAKEN TEST Center in Japan

"A mask does not completely prevent infection (intrusion)."

## •Structure Made of three layers of functional materials carefully sewn.



### 「One-way water-permeable wicking cloth」 TORAY

- It has the effect of preventing fine foreign substances taken in at the same time as breathing from entering the inside.
- Effectively discharges exhaled moisture contained in the filter to the outside and keeps it dry

### 「High-density high-performance nonwoven fabric」TOYOBO, ASAHIKASEI

- It has 8 times the fiber density of non-woven fabric used for general masks.
- We absorb moisture included in expiration and do not get stuffy.
- Contains functional fibers with antibacterial action.
- Contains fibers that decompose ammonia and organic substances to make it odorless.

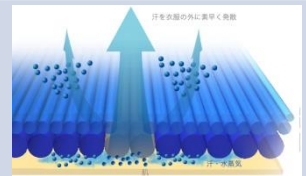
### 「One-way water-permeable wicking cloth」 TORAY

- It moves moisture included in expiration to filter side and keep the mouth circumference dry.

## •Material

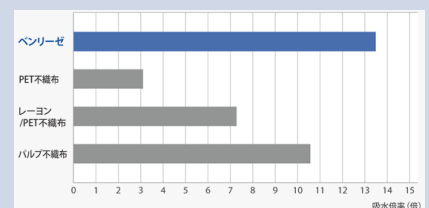
### ● Exterior cloth, Contact cloth

Maker	Material	Explanation
<b>TORAY</b> Innovation by Chemistry	<b>FIELDSENSOR</b> フィールドセンサー	Due to the combined yarns of different thicknesses into two layers and three layers, It is adsorbed by multi-layered capillary action Moisture moves and diffuses in one direction and is dried. At the same time, discharge foreign substances mixed with water to the outside Bacteria and viruses infiltrate filters Suppress.



### ● Filter : rich combined new material

Maker	Material	Explanation
<b>AsahiKASEI</b>	<b>Bemliese</b> Pure Clean Performance	Moment of water of cough, sneezing splash. By absorbing water, the movement of bacteria and viruses suppress and detoxify. As long-term repetition No fluff and no dust when used .it does not interfere with breathing .



<b>TOYOBO</b> Ideas & Chemistry By using highly chargeable acrylic fiber, it is superior to absorption power of fine particles.	<b>ピュアセル</b> PURECELL™
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The details are separately attached

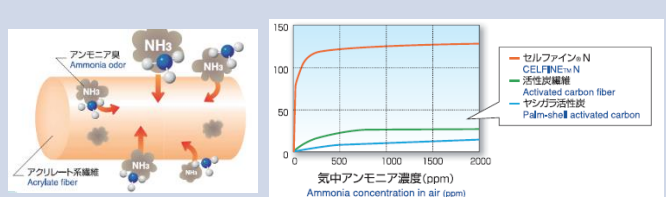
Silver ion to acrylic fiber Safety and durability retained excellent sanitizing fiber. By the effect of silver ions The life sustaining action of Bacteria, Virus stop and reduce growth.



<b>JF103J</b>	<b>セルファイン</b> CELFINE™N
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The details are separately attached

Its has 4times absorption power compare to carbon . And be able to use repeatedly.



# ・特徴

**1. High fit silhouette**  
Because it is made of soft cloth, it fits along various facial shapes.

**2. Soft ear hanging**  
Knit material helps long time wearing.

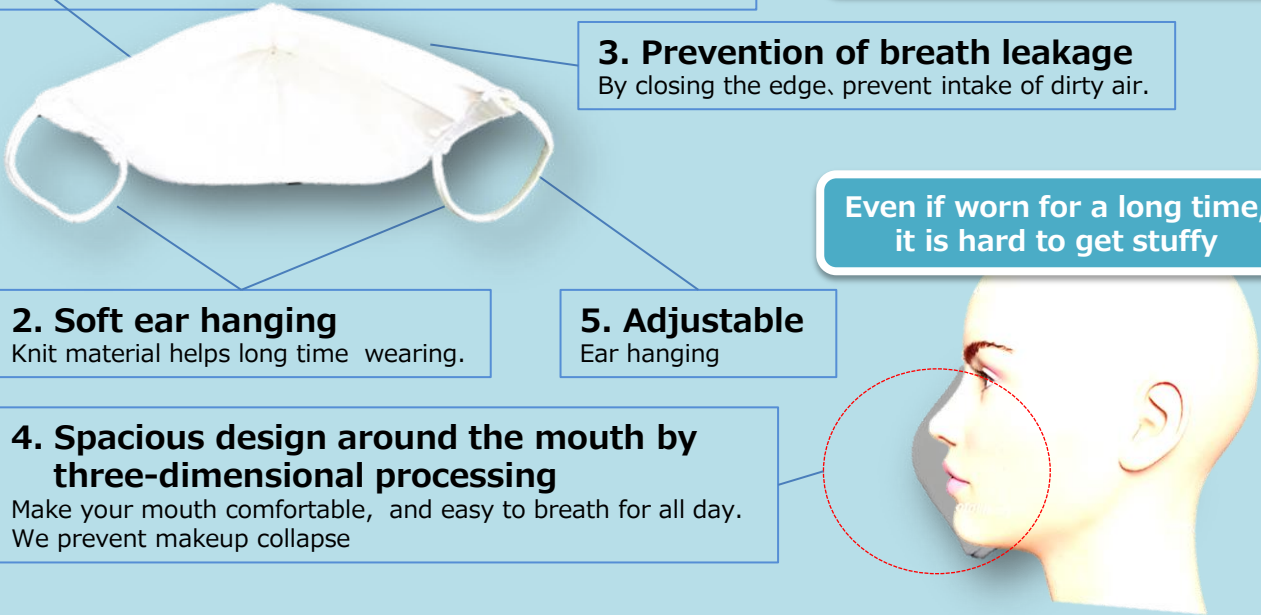
**3. Prevention of breath leakage**  
By closing the edge, prevent intake of dirty air.

**4. Spacious design around the mouth by three-dimensional processing**  
Make your mouth comfortable, and easy to breath for all day. We prevent makeup collapse

**5. Adjustable**  
Ear hanging

**Not Disposable.**

**Even if worn for a long time, it is hard to get stuffy**



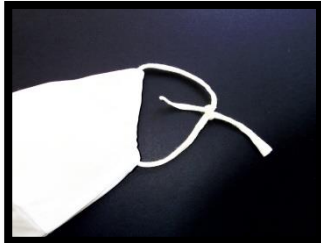
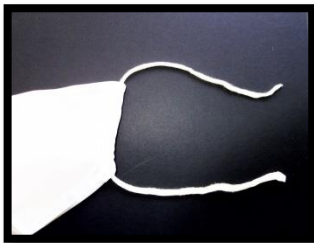
## ・How to use and care

### ・ Adjust

1. Fit on face tie it to a good length

2. Hook the knot and Hide through hole.

3. Adjust the left and right length



### ・ Care

- You can put it in the net with your home washing machine and wash it more than **60 times** and use it repeatedly.
- It takes about 8 hours in the sun to dry. A dryer with a low temperature of 60 ° C is fine.
- **Do not use "chlorine bleach"** for washing. Material deterioration will occur.
- For washing, we recommend an oxygen-based detergent containing enzyme



following QR code

### Indication based on voluntary standards of the Japan Sanitary Material Industry Association

Product Name	3D face mask
Use	Pollen, PM2.5, Bacteria, Virus
Material	Exterior, Contact : Polyester Filter : Rayon, Acrylic, Silver thread Ear hanging : Cotton, Polyurethane
Material Manufacture Investigation	Material: Made in Japan ( <b>Patented</b> ) Manufacture: Made in Japan Investigation: Japan

### Manufacturing and sales

Primula modesta Co.LTD  
〒807-1112  
3-16-1 Chiyo, Yawatanishi-ku, Kitakyushu-shi, Fukuoka Japan  
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*Primulamodesta*  
Kitakyusyu Fukuoka Japan  
Primula modesta is a subsidized office of National Research and Development Corporation New Energy and Industrial Technology Development Organization (NEDO) .



# 防カビ除菌繊維

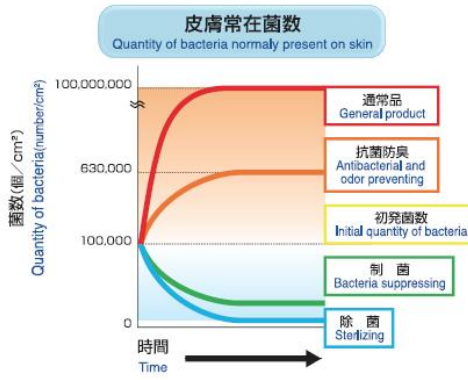
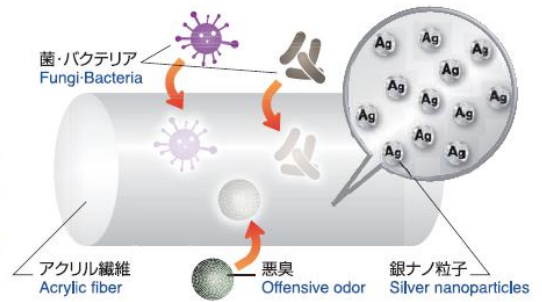
Antibacterial/Antifungal fiber

# ピュアセル®

PURECELL™

「ピュアセル®」は、銀イオンをアクリル繊維に保持させた、除菌力と安全性、耐久性に優れた除菌繊維です。銀イオンの効果で、菌類やカビ類の生命維持酵素の働きを停止させ、成長を抑えることができます。

“PURECELL™” is the disinfection fiber excellent in the disinfection power, the safety and durability which made the silver ion hold to acrylic fibers. By the effect of silver ion, it can stop the function of life support enzyme of fungi and mold can suppress the growth of fungi.



試験方法: JIS L1902, 培養液: 1/20 サブロー液体培地  
 使用菌: 白癬菌胞子 (Trichophyton mentagrophytes)  
 Test method: JIS L 1902, Culture medium: 1/20 Sabouraud liquid culture medium  
 Bacteria used: Trichophyton mentagrophytes

## 特長 Features

- 優れた除菌性能 ..... 銀イオンの効果で白癬菌のような真菌にも効果があります。  
 Excellent antibacterial performance ..... It has antibacterial effect against fungi such as trichophyton by effect of silver ion.
- 抗菌防臭性 ..... イヤな臭いの元となる菌の発生を抑えることで防臭することができます。  
 Antimicrobial and deodorant ..... It can deodorize by suppressing outbreak of bacteria causing unpleasant smell.
- 優れた加工性 ..... 一般の繊維加工機械で加工が可能です。  
 Workability ..... It can be processed with the ordinary textile machines.

## 用途 Applications

衛生材料、キッチンタオル、靴下、靴の中敷、スリッパ、バスマット、カーペット、肌着、寝具 など  
 Sanitary use, Kitchen towel, Socks, Insole of shoes, Slippers, Bath mat, Carpet, Underwear, Bedclothes., etc.



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# 消臭性繊維

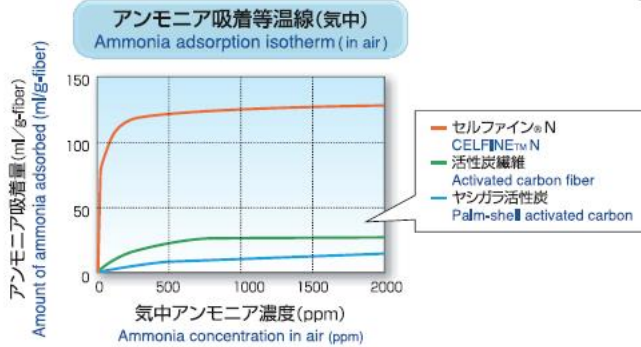
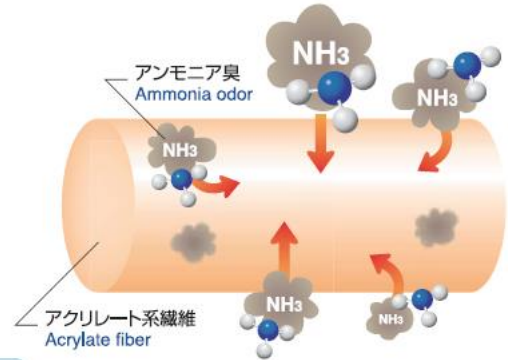
Deodorizing fiber

# セルファイン®N CELFINE™N

「セルファイン®N」は、汗や尿の中に含まれる不快なおの元であるアンモニアを吸着、消臭する繊維です。従来の吸着剤に比べ、すばやく、かつより多く消臭することができます。

“CELFINE™N” is a deodorizing fiber absorbing the ammonia which is the cause of an unpleasant smell included in sweat and urine.

It is faster than conventional adsorbent and can deodorize more.



## 特長 Features

- 吸着量が多い ..... 一般消臭剤に用いられるヤシガラ活性炭の4倍以上の吸着能力があります。  
High absorbability ..... It has an absorbability of more than 4 times of the palm shell activated carbon used for general deodorants.
- 速効消臭性 ..... ヤシガラ活性炭の5倍の速度で消臭します。  
High speed deodorizing ..... It can deodorize faster than 5 times of palm shell activated carbon.
- 再生可能 ..... 水洗い、天日干しにより繰り返し使用が可能です。また少量の食酢ですすぎ洗いすることで機能を回復することができます。  
Recyclable ..... It is available repeatedly by washing in water or drying in the sun. In addition, the function recovers by rinsing it out in a little vinegar.

## 用途 Applications

衛生材料、肌着、マスク、空調フィルター、ペット用資材、介護用資材、冷蔵庫用脱臭材 など

Sanitary use, Underwear, Mask, Air-conditioning filter, Materials for pet, Materials for caregiving, Deodorants for refrigerator, etc.



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