

Pourmon

COMPANY Introduction

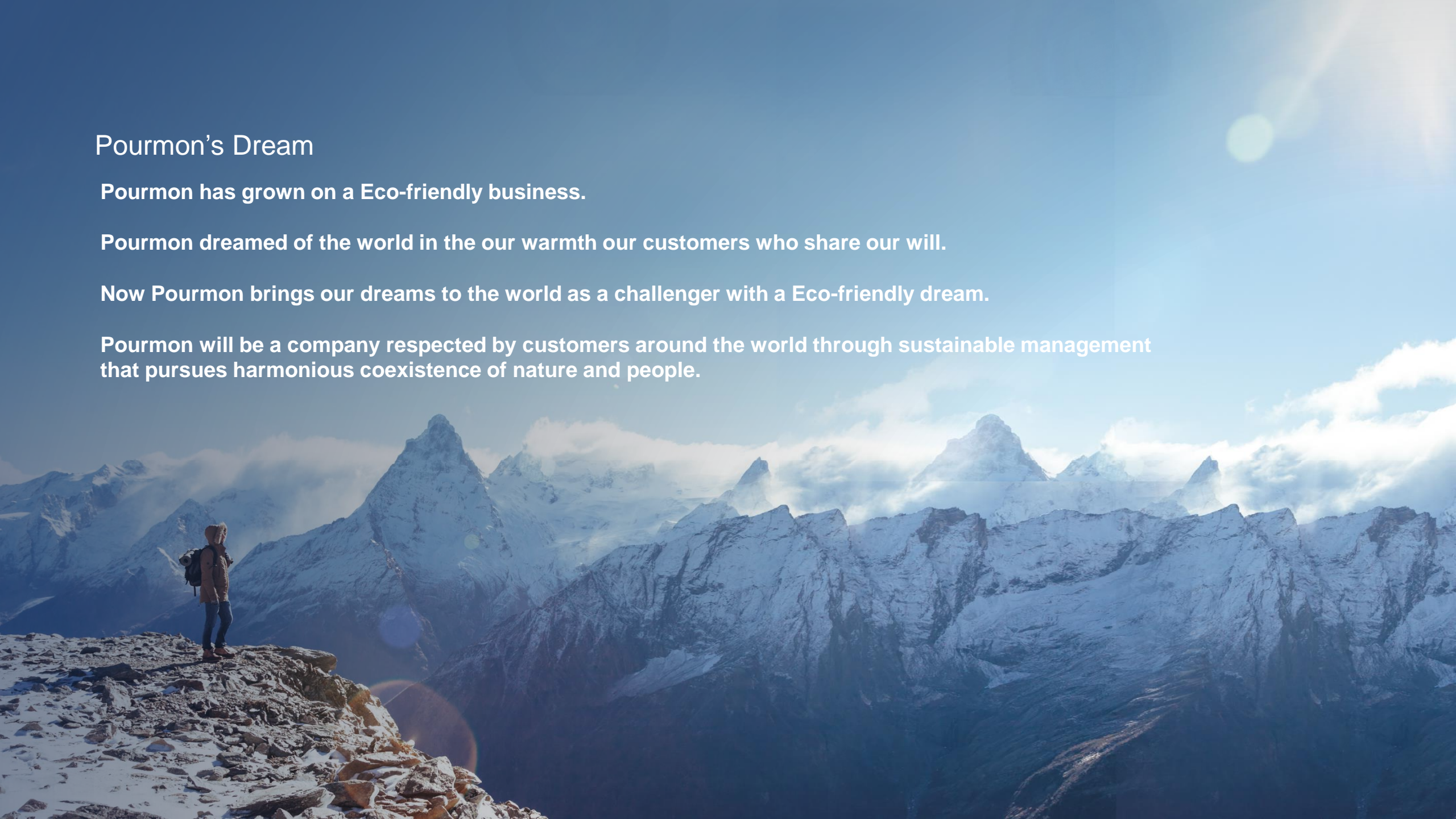
Pourmon's Dream

Pourmon has grown on a Eco-friendly business.

Pourmon dreamed of the world in the our warmth our customers who share our will.

Now Pourmon brings our dreams to the world as a challenger with a Eco-friendly dream.

Pourmon will be a company respected by customers around the world through sustainable management that pursues harmonious coexistence of nature and people.



Established in 2021, Pourmon is a company specializing in implementing environment-friendly values in restrooms.

Pourmon has developed and supplied eco-friendly urinal which utilized the patented 'Magic valve' to sustain and manage our natural environment.

The U.N. forecasted that more than 5 billion people will suffer from water shortages by 2050.

This water shortage phenomenon has been prevailing all over the world.

Pourmon will move forward beyond simple product sales and awaken the need of eco-friendly toilet system to our customers to protect our precious environment and deliver economic value through energy saving.

The logo for Pourmon, featuring the word "Pourmon" in a bold, blue, rounded sans-serif font.

Established on October 2021

Product

Drain backflow
preventer
Water save Urinal

Intellectual property rights

4 Patent registration
1 Patent pending
4 Design registration

Certification

Public Procurement Service's
Excellent product certificate

Green technology
Environment label
Venture Company

ISO 9001



02

2023 Company profile

PRODUCT INTRODUCTION

01 Drain odor preventer

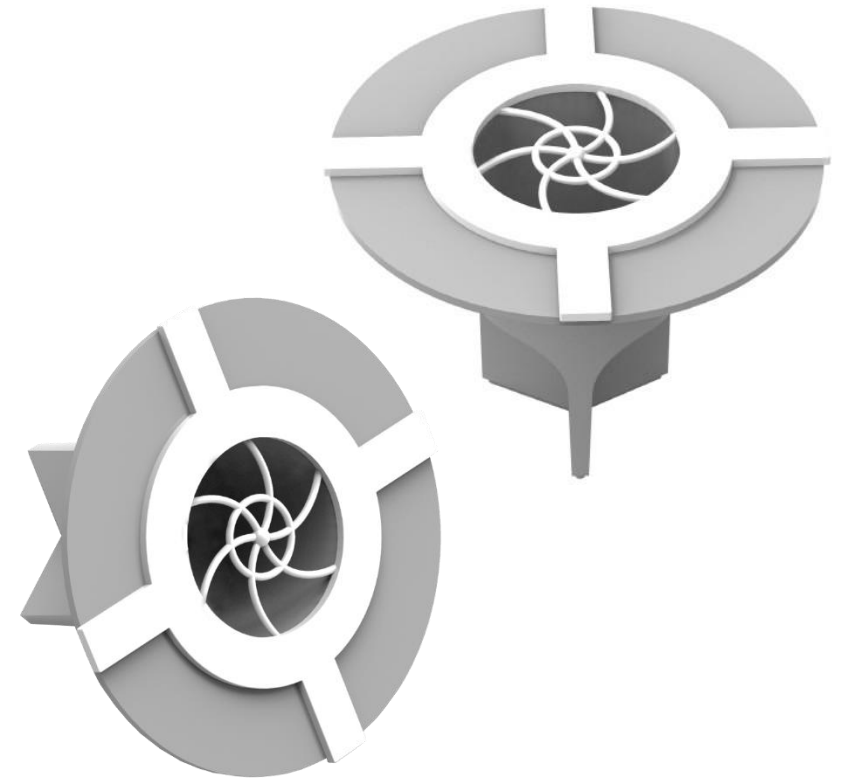
02 Waterless urinal

일상을 바꾸는 Living Trend



Drain backflow preventer

Purpose of use	Preventing Drain Backflow
Feature	<ul style="list-style-type: none">• No matter how many liter of water pouring into it• Made by special silicon material, semi-permanent• Add Zinc oxide for antibacterial function• Easy and simple to installation
Principal	Blocking odor reflux using heart valve principle
Color	Gray, Mint
Material	ABS, Special silicon



1. Why drain has to be blocked?

100% Blocking odor and pests

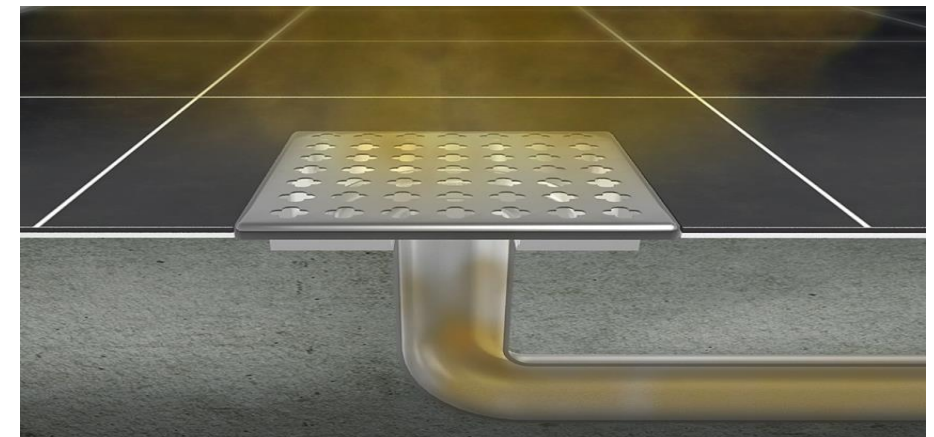
Bad odors or insects that can be easily sensed by human senses are sensory pollution that is felt more sensibly..

- The older the drain, the worse the **bad smell** from the old pipe.
- It is impossible to solve the odor problem because **ventilation** is difficult due to its structure.
- Because it is a humid environment, the breeding of **insects** is more active.

- Toilet odors can be fatal to your health
- Insects living in sewers are the main cause of respiratory diseases and conjunctivitis in the home.
- Main factor of Conjunctivitis and Respiratory disease in the home



Harmful Insect such as centipedes and mosquitoes lives in drain



Bad smell from old pipes, entering the home

1. Why drain has to be blocked?

Related press release

Toilet safety issues that occur not only at home, but also in facilities with insufficient management manpower

Unfortunate accidents occurs when it is difficult to assign person to facility management
Need to consider Hydrogen sulfide blocking, facilities management
It's necessary Block for clean and safe toilet.

건강 위협하는 '감각 공해'

빛 소음 악취 등 환경의 악화가 일으키는 인체의 심각한 문제들

정준욱 ok337@sisa-news.com | 등록 2019.02.22 17:44:49

URL복사



빛·소음 등 '감각공해'가 암·우울증 부른다

유대형 헬스조선 기자

입력 2019.08.20 09:06

감각공해 위험성 보도자료

HOME > 사이언스20 > 정답64

부산 여고생 쓰러뜨린 '황화수소'...흡입만 해도 '질식사'

최희림기자 | 2019.08.20 09:20:30 | 0 댓글

고농도 노출시 중추신경 마비...치명적인 독가스'



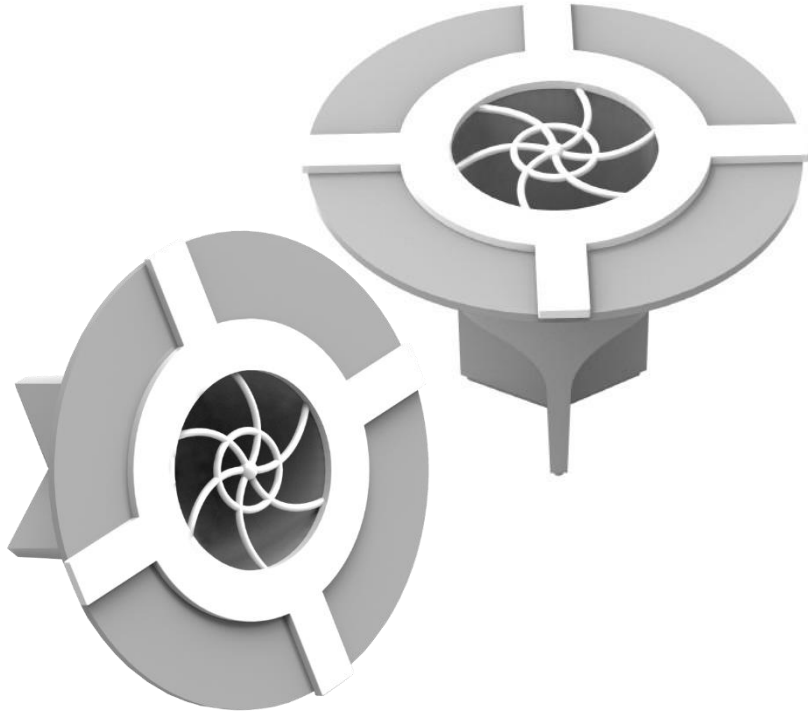
황화수소(H₂S, Hydrogen Sulfide)란?

[데일리포스트=최희림이나 기자] "황화수소는 저농도 노출할 경우 눈의 점막이나 호흡기 점막을 자극해 극심한 통증이 생기고 고농도로 노출되면 세포의 내부소염이 정지해 중추신경이 마비되고 실신하거나 호흡이 정지되면서 질식사하게 되는 매우 위험한 맹독성 가스입니다." (한국산업안전공단 관계자)



Spill accident of Hydrogen sulfide in public toilet

2. Product introduction



Drain trap I For bathroom

Features

100% Blocking odor and pests

Patented Tornado design for fast drain

All-in-one silicon

99.9% Anti-bacterial by Nano-coating

Variety product line that can install all of drain in house

About 200K pcs had been sold in 2022.

3. Blocking odor reflux using heart valve principle Pourmon's patented technology

How does it work?

Applied heart valve principle

Blocking odor reflux using heart valve principle
Damak's patented technology
(Patent 10 - 2323048)

The trap is opened and closed only by the tension of the water, so the sealing is more reliable.

Cigarette smoke test



<Before>

In our body
A half-moon-shaped valve that blocks the backflow of blood on the lining of the veins



The surest method taken from the principles of nature



<After>

TEST REPORT

ktl 한국산업기술시험원 Korea Testing Laboratory
Report No. : 22-011308-02-1
Page of Pages : (1) (3)

1. Client
Name : Poramon co.,Ltd
Address : A-903, Yung dong Bundang Techno Park, 697, Panggo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea
Date of Receipt : 2022. 02. 22.

2. Use of Report : Quality control

3. Test Sample
Description : DreinMask
Manufacturer : Specimen provided by the client
Model Name : * * *
Serial Number : * * *
Remark : * * *

4. Date of Test : 2022. 03. 02. ~ 2022. 03. 02.

5. Location of Test :
KTL Permanent Test Lab (Address : 723, Haean-ro, Sangnok-gu, Ansan-si, Gyeonggi-do, KOREA)
On Site Testing

6. Test Standard/Method : Refer to the attached test method

7. Test Results : Refer to the attached results

Note : 1. This report is limited to samples submitted by the applicant and is prohibited from being used for legal or other reasons of dispute.
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3. You can check the contents of the report by scanning the 2D Barcode below. The identity of original reports can be checked in the "Customs original report" window of the customer's homepage (customer.ktl.co.kr).
4. This report is not related to KS Q ISO/IEC 17025 & KOLAS Accreditation.

Affirmation Tested by Name : Yoo Joo-Young Technical Manager Name : Kang Byung-koo
2022. 03. 02.

Korea Testing Laboratory
723, Haean-ro, Sangnok-gu, Ansan-si, Gyeonggi-do, KOREA Tel:+82-31-500-0192 Fax: +82-31-500-0195

FP104-07-00

ktl 한국산업기술시험원 Korea Testing Laboratory
Report No. : 22-011308-02-1
Page of Pages (2) (3)

Test Results

1. Test specimen information
1.1 Description : DreinMask

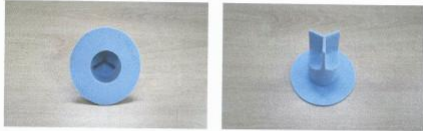


Figure 1 Specimen photo

2. Test method / Standard
2.1 Leakage test
1) Mount the specimen on the testing equipment as shown in Figure 2.
2) After generating a smoke screen at the bottom of the specimen, add 100 mL of water to the inlet of the specimen.
3) After the water in the inlet discharged to the outlet, visually inspect the top leakage using a laser.




Figure 2 Testing equipment

FP104-08-00

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Report No. : 22-011308-02-1
Page of Pages (3) (3)

3. Test Result

Description	Leakage test	Note
DreinMask	No leakage	-

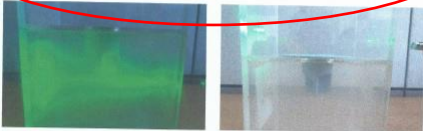


Figure 3 Visually inspect photo

4. Test instrument

Instrument	Manufacture	Model
Laser Pointer	-	CLASSIII

The end.

FP104-08-00

ktl 한국산업기술시험원 Korea Testing Laboratory
Report No. : 22-011308-02-1
Page of Pages (3) (3)

3. Test result

Description	Leakage test	Note
DreinMask	No leakage	-

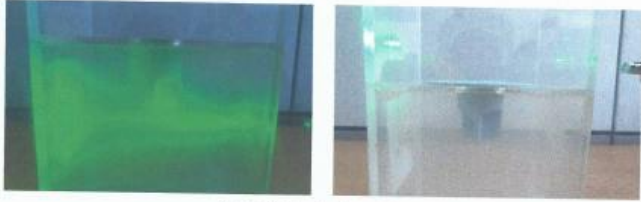


Figure 3 Visually inspect photo

4. Test instrument

Instrument	Manufacture	Model
Laser Pointer	-	CLASSIII

The end.

“Korea Testing Lavatory” Leakage Test passed

After generating a smoke film at the bottom of the test product, the upper leakage is visually checked using a laser, and as a result of the experiment, there is a difference according to real using condition

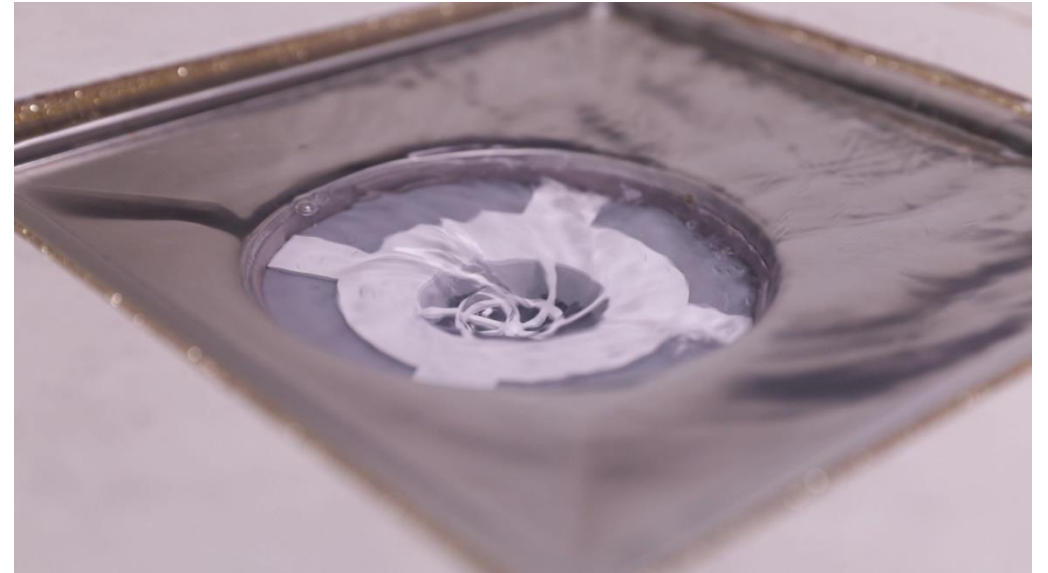
4. Product features - Faster drainage

Y shape



2 side of bottom is opened by water of tension,
It makes water goes down to drain more faster.

Tornado-shaped guide tube



With the design of a tornado-shaped guide tube,
The water is designed to go down faster.

4. Product features – All-in-one silicon

100% Silicon

It can be used for a long time without deformation in any environment



Boiling



Bleach



Hot water



Stretching



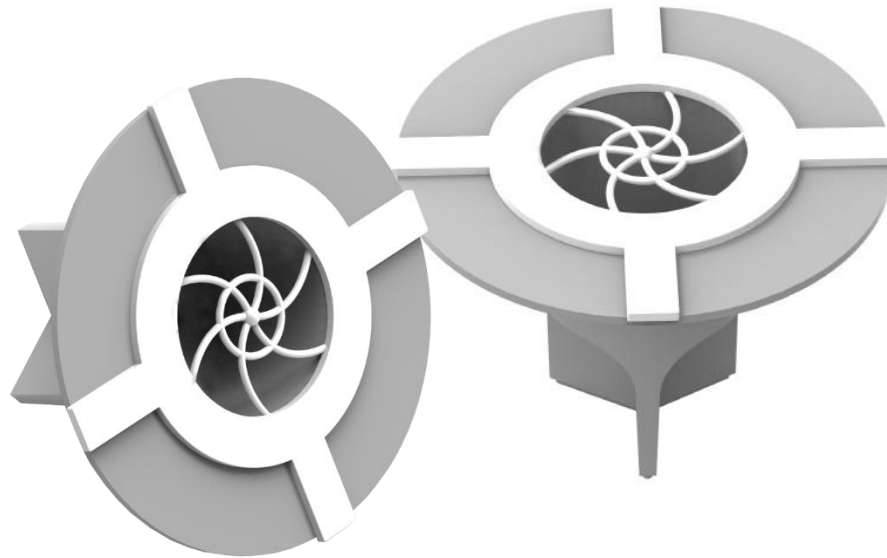
항균성, %
(JIS Z 2801:2010)

구분	시험결과	
	(A) 황색포도상구균	대장균
제시상태		
무가공 시험편(검종직후)	4.9×10^5	5.9×10^5
무가공 시험편(24시간 후)	5.5×10^6	6.5×10^6
시료(24시간 후)	< 10	< 10
항균 활성치	5.7	5.8
감소율(%)	99.9	99.9

사용한 균 황색포도상구균 - Staphylococcus aureus(ATCC 6538P)
대장균 Escherichia coli(ATCC 8739)
무가공 시험편 폴리에틸렌 필름

“Korea Textile Inspection and Testing Institute”

99.9% Antibacterial test result for staphylococcus aureus, Escherichia coli



It is not a surface coating that can peel off after a long period of use, but a nano component (zinc oxide) is incorporated into the silicon which is raw material

It can be used hygienically for a long time without deteriorating antibacterial properties.

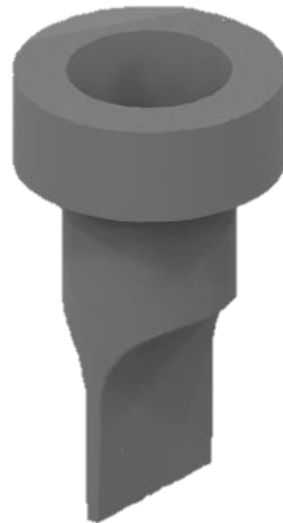
5. Variation of Product Line

일상을 바꾸는 Living Trend



For Sink at Kitchen

COLOR LINE UP : ● ●



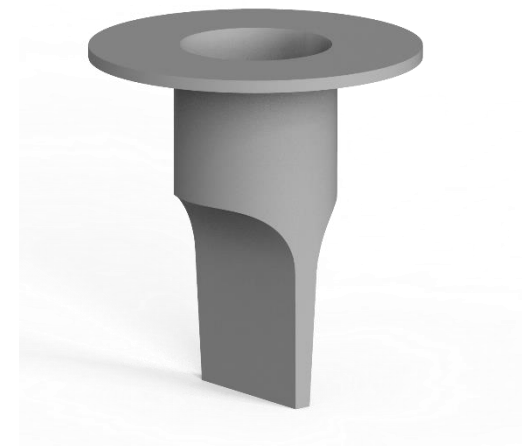
For bottom of sink at Kitchen

COLOR LINE UP : ●



For Air-conditional outdoor unit

COLOR LINE UP : ●



For urinal

COLOR LINE UP : ●

Pourmon

Thank you

Tony Shin

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