

“Don't let your breath be taken away!”

Pureath is a product made by supplementing the shortcomings of existing masks that have many inefficient factors, such as **shortness of breath, inadequate blocking of fine dust, humidity inside the mask, contamination, fogging of glasses, and pain in the back of the ears.**

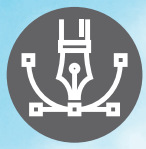
With a 99% fine dust blocking rate for easy breathing, it can be used in a range of settings. With various colors and natural designs of the smart wearable mask, **Pureath** is dependably built to last.

Features of Pureath Mask



Powerful air-purifying function

- Uses a high-performance HEPA filter that filters out particles of 0.3µm in size
- Perfectly protects against house dust, ticks, viruses, mold, and ultra-fine dust
- Built-in air circulator allows for sufficient air volume optimized for breathing
- Smooth internal air circulation maintains a comfortable state without any dampness
- Perfectly blocks harmful fine dust from coming in by forming an air curtain



Excellent product design by experts

- Optimized design through fluid mechanics analysis
- Optimized structural design, resolving uncomfortable breathing!
- A proven product that solved the problems caused by air-intake resistance with sufficient inflow of external air and circulating vent structure



3-level air inflow volume control system capable of controlling airflow

- Built-in Inning circulator fan for sufficient air inflow optimized for breathing
- Easy to control air inflow volume by stage



3types of safety filters tailored to your lifestyle

- Usual filter for commuting/everyday use
- Sporty filter optimized for outdoor activities
- Super Safety filter with the highest filtering power



Functional material exterior that can be used variously

- Various colors / UV blocking / Easy sweat absorption and quick-drying
- Strong antibacterial effect / remove odor
- Excellent air permeability / tight adhesion due to the highly elastic material



Comfortable fit and lightweight

- Ergonomic design and lightweight of 68g
- Comfortable fit and tight adhesion by using silicone material
- Comfortable long-term use with exterior material that has excellent elasticity and permeability



Easy to maintain and economical

- Semi-permanent body and functional material exterior for easy cleaning
- Filters easy to replace according to the usage environment



Renowned world-class mask
Pureath mask



PU:REATH
SMART WEARABLE MASK

Easy to breathe IN & OUT Smart Mask



Built-in Fan Air-purifying mask with fine dust blocking rate of 99%

AWARDS

<p>벤처기업확인서</p> <p>Venture Business Certificate</p>	<p>The Chulalongkorn International Exhibition and Education Award</p> <p>Thailand Exhibition Award</p>	<p>상 장</p> <p>Grand Prize at ICT Competition</p>	<p>표 창 장</p> <p>Citation: Chairman of Medium Vacuum</p>	<p>상 장</p> <p>Spatial Information Industry Promotion Agency (Ministry of Land, Infrastructure and Transport, Participation award)</p>	<p>상 장</p> <p>Technology Business Association Festival Briefing (Chamber of Commerce)</p>
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Pureath mask is still evolving!

Pureath is the result of long-term research and development for safe breathing. Pureath Mask is a product completed through ergonomic dynamic design, airflow design suitable for breathing, and testing. To go above and beyond customer expectations, we have developed a safer and more reliable product for fine dust and virus exposure with innovative technology and wearable design. Discover a new lifestyle of comfort through Pureath.



Optimized breathing through fluid mechanics design

Experiment on aerodynamic design that does not interfere with inhalation and exhalation

- Dynamic design using smooth air movement
- Address inconveniences thanks to an aerodynamic design that has fine dust blocking and antibacterial effects and that does not interfere with inhalation and exhalation
- Address the problem of air leaking from the outside

Product technology comparison

Category	Our Product Fluid mechanics design for inhalation and exhalation	K company Disposable mask	C company Clean air supply device
Product			
Fine dust blocking rate	99% or more	About 30%	About 50%
Breath-ability	Inhalation	Poor	Poor
	Exhalation	Poor	Average
Use cycle	Semi-permanent	1~2 times	About 100 times

Product technology and part name / operating method

Category	Content	Product part name and operating method
Inner mask	Regulation voltage	5V
	Regulation power	1W
	Environment temperature for use	0°C ~ 80°C
	Noise	36,9db
	Maximum air volume	7,31CFM
	Charging time	half hour
	Average usage time	3 to 4h (varies by airflow control)
	Battery specification	500mAh
	Size (A X B X C)	115mm X 110mm X 60mm
	Product weight	68g
	Material	ABS
	Charging voltage	DC5V
Outer	KC certification registration number	R-R-Pul-PUREATH
	Color	White / Gray / Black
	Fiber composition and mixture ratio	(Shell) Polyester 100% (Lining) Polyester 92%, Polyurethane 8%
Manufacturer / Country of origin	South Korea	

① Power on/off and 3-level wind speed button
 - Power on/off: Press the button once and hold for about 2 seconds.
 - 3-level wind speed control system: Press the button once shortly.
 LED display for wind speed (Level 1: ●, Level 2: ●, Level 3: ●)

② Wind speed LED display
 ③ Air inlet
 ④ Air outlet
 ⑤ C type charging port

Filter technology

Filter disassemblability and features	3 safety filters
 Features: Excellent damp-proof and durability Recommended filter replacement cycle: 1~3 days according to the degree of contamination Suppliable quantity: No supply issues	Super Safety Filter We use H13 grade HEPA filter (for KF94) with the highest filtering power. Use it in crowded places, especially during your commute.
	Usual Filter Usual filter is an H11 grade HEPA filter (for KF80). It is a filter for everyday use that can be safely used in both indoor or outdoor settings.
	Sporty Filter This filter is made of PP non-woven fabric (for dental masks), optimized for outdoor activities. It provides a filter optimized for air transfer so that there are no issues with outdoor activities and light exercises.