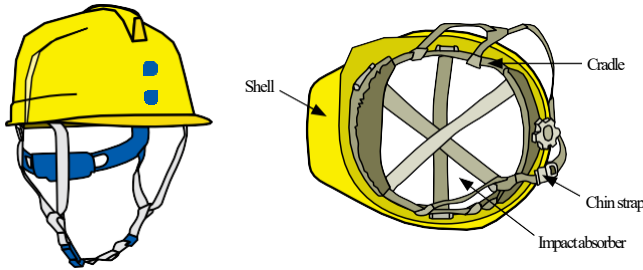




Replace safety helmets **at the interval recommended by the manufacturer, and do not use damaged or deteriorated products. Select a safety helmet suitable for the user's physical condition and work location, and adjust it to fit the head.**

+ Safety helmet

KCS Safety certification label



Certified by the Korea Occupational Safety and Health Agency
 Safety-certified product: Safety Helmet
 Type/Model: XXXX
 Capacity/Class: XXXX
 Safety certification No.: ** - AV * CQ -**
 Date of safety certification: 20** . ** . **
 Date of manufacture: 20** . ** . **
 Manufacturer: XXXX Co., Ltd.

✓ **Be sure to check KCs certification!**

Visit the **Occupational Safety and Health Certification Institute** website for more information.
<http://kosha.or.kr/oshci>

Safety certified*		Voluntary safety verification*	
ABE	AB	AE	A
Dropping/flying/falling objects, electric shock	Dropping/flying/falling objects	Dropping/flying objects, electric shock	Dropping/flying objects
Prevention or reduction of risk from dropping/flying/falling objects; prevention of risk from electric shock to the head	Prevention or reduction of risk from dropping/flying/falling objects	Prevention or reduction of risk from dropping or flying objects; prevention of risk from electric shock to the head	Prevention or reduction of risk from dropping or flying objects

* **Safety certification (certificate):** Safety certification is mandatory when manufacturing or importing a product subject to safety certification to ensure that it meets safety certification standards.

* **Voluntary safety verification report (certificate):** When manufacturing or importing harmful or dangerous machines, etc., that are not subject to certification, confirm and report whether the safety performance meets the standards.

📖 Guidelines to purchase and use

1

Select the **safety helmet capacity/grade (ABE, AB, AE, A) that suits your work purpose** and use **safety-certified products**. Before wearing the safety helmet, **check for any abnormalities with the product**, such as damage or deformation of the shell.



ABE/
AB
AE/A

2

Select the **size appropriate for the user**, including physical conditions, and adjust the cradle's headrest to fit the size of the user's head. **Most safety helmets are adjustable** in size.



3

Tighten the chin strap to **secure and stabilize the safety helmet**.



4

Do not use **products that are old, damaged or deteriorated**. A safety helmet that has **been impacted even once may affect its performance** even if there appears to be no problem to the naked eye, so **replace the safety helmet at the interval recommended by the manufacturer**.



5

Before using the product, **check the Instructions for Use for each product provided by the manufacturer**.





The full-body safety harness provides excellent body protection by dispersing the impact load in the event of a fall.

Full-body safety harness

Safety certification label



Certified by the Korea Occupational Safety and Health Agency
Safety-certified product: Safety Harness
Type/Model: XXXX
Capacity/Class: XXXX
Safety certification No.: ** - AV * CY -**
Date of safety certification: 20** . ** . **
Date of manufacture: 20** . ** . **
Manufacturer: XXXX Co., Ltd.



Be sure to check KCs certification!

Visit the Occupational Safety and Health Certification Institute website for more information.

(<http://kosha.or.kr/oshci>)

Use of full-body safety harnesses

Single anchor



U-shaped anchor



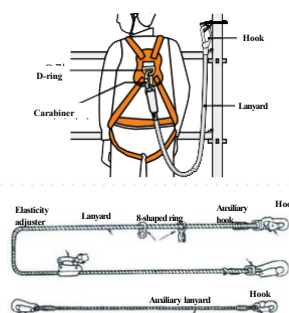
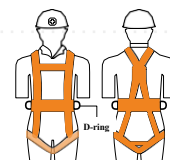
Fall prevention



Safety block



- To hold the body in case of a fall
- Used when a work platform is installed, and there is no need to rely on the safety harness
- Turn the rope into a U-shape on a structure, etc., to support the body in a safety harness.
- Used when work is required with both hands by supporting the body in a safety harness
- Used for suspended scaffold, high-rise ladders, steel frames, steel towers, etc.
- Equipped with an automatic winding device to prevent falling



Guidelines to purchase and use

1 Check the **capacity and grade on the certification label** to select the type that suits the type of work, and be sure to **use safety-certified products**.



2 Check whether the **safety harness and fixing devices (fixing points such as anchors) and the safety harness and connecting devices (lanyard, carabiner, etc.) are well connected**. The lanyard, to prevent falls, **must be connected to the D-ring on the back**.



3 Before wearing, **check for any abnormalities** in the product, such as rope wear, metal deformation, and lanyard sewing conditions. **Do not use old, damaged, or deteriorated products**.



4 **Adjust the chest strap, belt, etc. to fit the user's body**. **Most safety harnesses are adjustable in size**.



5 When using a **pull-back buckle**, check the **engraved direction of use and the diameter of the lifeline**.



6 When using a **safety block**, use a **full-body safety harness certified with the safety block**. Arbitrary modification of the safety harness form or replacing or modifying parts of the product is dangerous because **safety performance is not guaranteed**. Be sure to **use all certified products without arbitrarily modifying them**.



7 Before using the product, **check the Instructions for Use for each product provided by the manufacturer**.

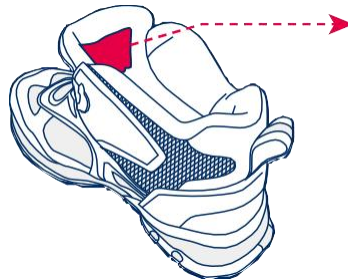
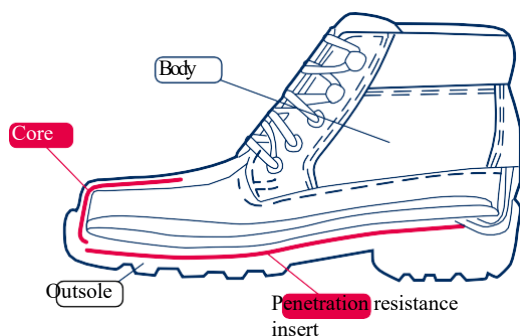




Use safety shoes appropriate for each industrial site according to work conditions, grades of safety shoes, etc., and check the KSc certification mark.

+ Safety shoes

KSc Safety certification label



Certified by the Korea Occupational Safety and Health Agency
 Safety-certified product: Safety Shoes
 Type/Model: XXXX
 Capacity/Class: XXXX
 Safety certification No.: ** - AV * CR - **
 Date of safety certification: 20** . ** . **
 Date of manufacture: 20** . ** . **
 Manufacturer: XXXX Co., Ltd.

✓ Be sure to check KCs certification!

+ Location of use according to grades

➔ Visit the **Occupational Safety and Health Certification Institute website** for more information. (<http://kosha.or.kr/oshci>)

Heavy work

- Places where there is a risk of being struck by falling objects or impacted/stabbed by sharp objects in workshops handling raw materials, processing, steel handling and transport in the mining, construction, and iron mining industries, and transporting and handling heavy objects in the construction industry

Regular work

- Places where there is a risk of being struck by falling objects or impacted/stabbed by sharp objects in vehicle workplaces or general workplaces manually handling machine tools, metal processing, transportation, and construction and operating machines

Light work

- Places where there is a risk of being struck by falling objects or impacted/stabbed by sharp objects in workshops handling relatively lightweight objects such as metal sorting, electrical product assembly, chemical product sorting, reaction device operation, and food processing

Guidelines to purchase and use

1

Check the **capacity and grade on the safety certification label**, and be sure to **use safety-certified products**.



2

Industrial safety shoes are classified according to their additional performance, which includes prevention against being struck by falling objects or impacted/stabbed by sharp objects; **select and use appropriate products** for the work site.

- Rubber safety shoes: Water resistant
- Static electricity safety shoes: Prevent static electricity from charging the body
- Insulated shoes: Prevents electric shock from low-voltage electricity

- Safety shoes for chemicals: Prevent harmful risks from chemicals
- Instep safety shoes: Project insteps
- Insulated boots: Waterproof and prevent electric shock from high voltage



3

Work shoes sold online without safety certification are **unsuitable for industrial use**.
 (Performance test results for non-certified products show a lack of toe and sole protection)



4

Safety performance will **not be guaranteed** if you arbitrarily modify the shape of the safety shoes (bending, etc.) or replace or change part of the product (insole, etc.). **Use all certified products by adjusting them to suit the user.**



5

Before using the product, **check the Instructions for Use** for each product provided by the manufacturer.





Replace the main consumable parts of the welding helmet with identical KCs-certified parts with confirmed performance! Uncertified products and general glass filters whose performance has not been confirmed cannot protect your eyes.



Safety certification label

Certified by the Korea Occupational Safety and Health Agency
 Safety-certified product: Welding Helmet
 Type/Model: XXXX
 Capacity/Class: XXXX
 Safety certification No.: ** - AV * Ca - **
 Date of safety certification: 20** . ** . **
 Date of manufacture: 20** . ** . **
 Manufacturer: XXXX Co., Ltd.



✓ **Be sure to check KCs certification!**

Visit the **Occupational Safety and Health Certification Institute website** for more information.
<http://kosha.or.kr/oshci>



Welding helmet

- Protects eyes from harmful rays generated during welding and prevents blindness
- Protects face from heat burns and welding fragments



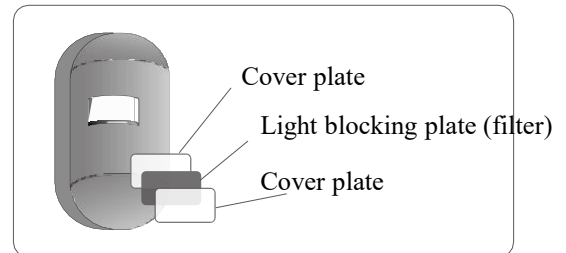
General welding filter



Handheld welding filter



Automatic welding filter



Guidelines to purchase and use

1

Choose a **welding helmet with a light-blocking capacity that suits your work purpose** and harmful rays.



2

Do not use uncertified products whose safety performance is not guaranteed, as there is a **risk of eye and facial injury**.



3

Be sure to **replace consumables** (filters and cover plates) **with genuine products**.



4

Do not use for welding by attaching a light-blocking filter whose protection performance has not been confirmed to the general safety surface. A general safety face simply protects the face from flying particles and **cannot block harmful rays**. **Beware of false online advertisements** claiming that general safety surfaces can be used for welding.



5

When using or replacing a product, **refer to the Instructions for Use for each product provided by the manufacturer**.





When using safety glasses in industrial settings, **use them appropriately according to their purpose, light blocking capacity**, etc., and be sure to **check the KCs certification mark**.

+ Safety glasses

KCs Safety certification label



Light-blocking safety glasses



General safety glasses

Certified by the Korea Occupational Safety and Health Agency

Safety-certified product: Safety Glasses

Type/Model: XXXX

Capacity/Class: XXXX

Safety certification No.: ** - AV * CZ - **

Date of safety certification: 20** . ** . **

Date of manufacture: 20** . ** . **

Manufacturer: XXXX Co., Ltd.

※For products declared for voluntary safety verification, the certification number is displayed as ** - AV*GM - ****.



Be sure to check KCs certification!



Visit the **Occupational Safety and Health Certification Institute** website for more information.
(<http://kosha.or.kr/oshci>)

+ Use of safety glasses

Safety certified*(light-blocking safety glasses)				Voluntary safety verification*(general safety glasses)		
Protects your eyes from harmful UV, infrared, and intense visible rays or splashes.				Protects your eyes from splashes		
For UV	For infrared	Combined	For welding	Glass	Plastic	Prescribed lens
When exposed to UV rays	When exposed to infrared	When exposed to UV and infrared	When exposed to UV, infrared, and intense visible rays (e.g., oxygen welding, etc.)	Glass lens	Plastic lens	Prescribed lens

* Safety certification (certificate): Safety certification is mandatory when manufacturing or importing a product subject to safety certification to ensure that it meets safety certification standards.

* Voluntary safety verification report (certificate): When manufacturing or importing harmful or dangerous machines, etc., that are not subject to certification, confirm and report whether the safety performance meets the standards.



Guidelines to purchase and use

1

Check the **capacity and grade on the safety certification label**, and be sure to **use safety-certified products**.



2

If you use uncertified products or safety glasses that are not intended for use, there is a **risk of eye injury**, as **safety performance is not guaranteed**.



3

Choose a **light-blocking capacity that suits your work purpose** and harmful rays for light-blocking safety glasses. Check the **protective equipment safety certification and the instructions for use provided by the manufacturer** to select the light-blocking capacity.

* Additionally, refer to KS P 8141 (light-blocking protective equipment), the standard for use according to the work.



4

General safety glasses protect the eyes only from flying particles and **cannot block harmful rays**.



5

Before use, check that there are no air bubbles, foam, spots, molding marks, holes, or deposits on the lens surface.

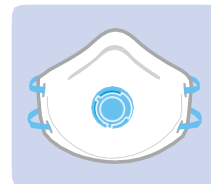


6

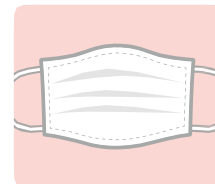
Before using the product, **check the Instructions for Use for each product provided by the manufacturer**.



Select a dust mask suitable for your work environment and adjust it to suit your face. Dust masks with exhaust valves are not recommended to prevent infectious diseases as there is a risk of external emissions of viruses and other substances.



Industrial mask



Health mask

+ Shape and structure of dust masks

Detachable				Face filter
Isolated full-face	Isolated half-face	Directly connected full-face	Directly connected half-face	Half-face

+ Location of use according to grades

Special	Places where dust containing highly toxic substances such as beryllium is generated, places where asbestos is handled
Grade 1	- Places where thermally generated dust, such as metal fumes, etc., are generated, - Places where mechanically generated dust, etc., are generated (Except for where it is sufficient to wear Grade 2 dust masks, such as silicon)
Grade 2	Places where dust, etc., are generated, excluding places where Special and Grade 1 masks are necessary

※ Filtering face masks without exhaust valves should not be used in Special or Grade 1 locations.

KCS Safety certification label

Certified by the Korea Occupational Safety and Health Agency
 Safety-certified product: Dust Mask
 Type/Model: XXXX
 Capacity/Class: XXXX
 Safety certification No.: ** - AV * CT - **
 Date of safety certification: 20** . ** . **
 Date of manufacture: 20** . ** . **
 Manufacturer: XXXX Co., Ltd.



✓ Be sure to check KC's certification!

➔ Visit the Occupational Safety and Health Certification Institute website for more information.
<http://kosha.or.kr/oshci>

Guidelines to purchase and use

- 1** Check the **capacity and grade on the safety certification label**, and be sure to **use safety-certified products**.


- 2** Use the dust mask **where the oxygen concentration is 18% or higher**.


- 3** Depending on the type of work, choose a **full-face dust mask that covers the entire face (mouth, nose, and eyes)** or a **half-face mask that covers the mouth and nose**.


- 4** Use the **headband and metal adjuster (nose bridge)** of the facepiece to **suit your face**.


- 5** **Do not interfere with adhesion** by wearing a towel or other object **between the user's face and the dust mask**.


- After wearing the dust mask, **check whether it is completely attached to your face by self-testing the fit**.
※ Close the intake valve and inhale, then close the exhaust valve and exhale to self-test for fit.


- 7** Make sure to **bring the headband to the back of your head**. You **cannot secure a good fit if you place the headband over your ears**.


- Safety **performance will not be guaranteed if part of the dust mask product (filter box, etc.) is replaced or changed** with an arbitrary product. **Replace the certified product (including accessories) as specified** or check with the manufacturer.

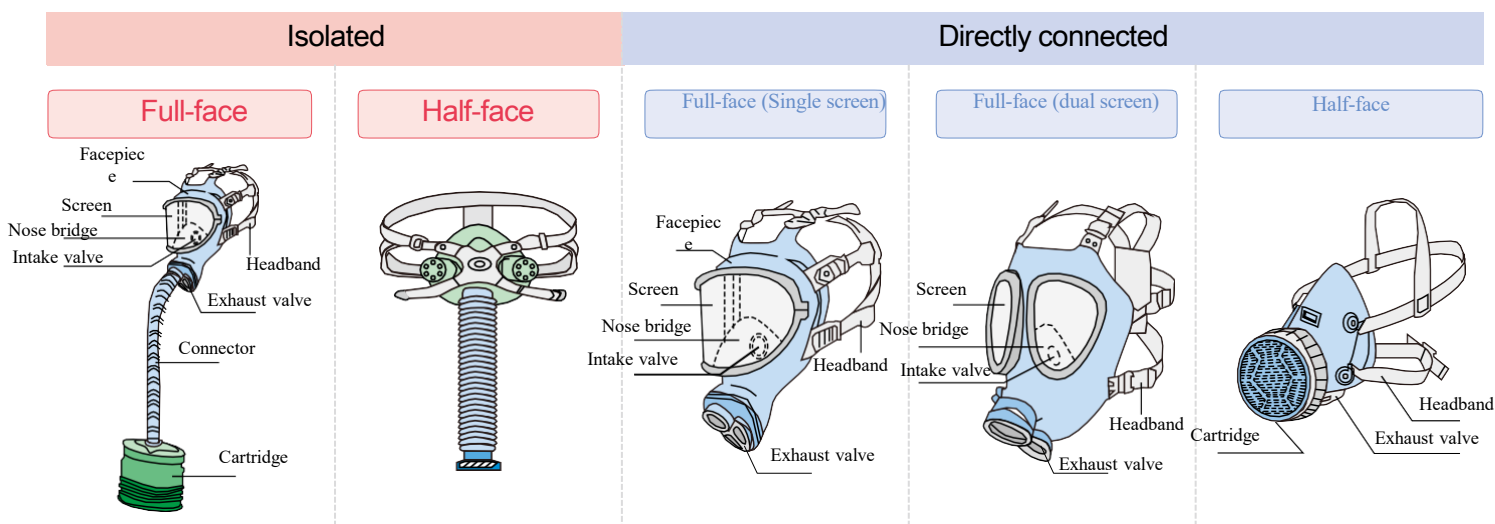

- 6** Before using the product, **check the Instructions for Use for each product provided by the manufacturer**.





Select a gas mask suitable for the user's work environment and hazardous substances, and adjust the mask to fit your face. Be sure to check the KCs certification mark.

+ Shape and structure of dust masks



+ Location of use according to grades

High concentration	Used in an atmosphere where the concentration of gas or vapor is less than 2/100 (3/100 for ammonia)
Moderate concentration	Used in an atmosphere where the concentration of gas or vapor is less than 1/100 (1.5/100 for ammonia)
Low or minimum concentration	Used in an atmosphere where a gas or vapor concentration is 0.1/100 or less for non-emergency

KCs Safety certification label

Certified by the Korea Occupational Safety and Health Agency

Safety-certified product: Gas Mask

Type/Model: XXXX

Capacity/Class: XXXX

Safety certification No.: ** - AV * CU - **

Date of safety certification: 20** . ** . **

Date of manufacture: 20** . ** . **

Manufacturer: XXXX Co., Ltd.

Be sure to check KCs certification!

➔ Visit the **Occupational Safety and Health Certification Institute** website for more information.
<http://kosha.or.kr/oshci>

+ Display colors on the outer surface for each type of gas mask

Organic compounds	Brown		
Halogen, hydrogen sulfide, hydrogen cyanide	Gray		
Sulfurous acid	Yellow		
Ammonia	Green		
Combined and dual	• Combined: All relevant gas colors (separated into two layers) • Dual: Both white and relevant gas colors (separated into two layers)		

Guidelines to purchase and use

- 1** Check the **capacity and grade on the safety certification label** and the **color indicated** on the outside of the cartridge, and be sure to **use safety-certified products**.


- 2** Use the gas mask **where the oxygen concentration is 18% or higher**.


- 3** Use a **full-face gas mask** under **high or medium concentrations** (isolated, directly connected).


- 4** When wearing a gas mask, use the headband of the facepiece to suit your face.


- After wearing the dust mask, **check whether it is completely attached** to your face by self-testing the fit.
※ Close the intake valve and inhale, then close the exhaust valve and exhale to self-test for fit.


- Replace the cartridge appropriately using the breakthrough curve diagram and usage time record card** included with the gas mask product.
※ If you feel dizziness, taste, odor, or irritation while using the gas mask, leave the contaminated area, take appropriate measures, and replace the cartridge immediately.


- Safety **performance will not be guaranteed** if part of the gas mask product (cartridge, etc.) is **replaced or changed with an arbitrary product**. **Replace the certified product** (including accessories) **as specified or check with the manufacturer**.


- Before using the product, **check the Instructions for Use for each product provided by the manufacturer**.



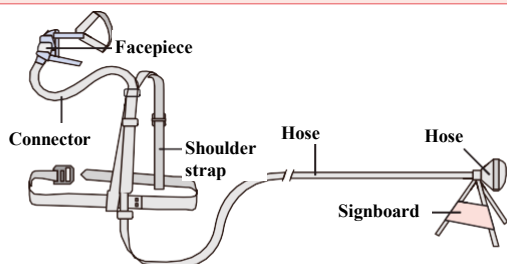


Use ventilation masks in confined spaces, etc., where it is difficult to maintain adequate ventilation. Be sure to check the KCs certification mark.

+ Shape and scope of use for each type of ventilation mask

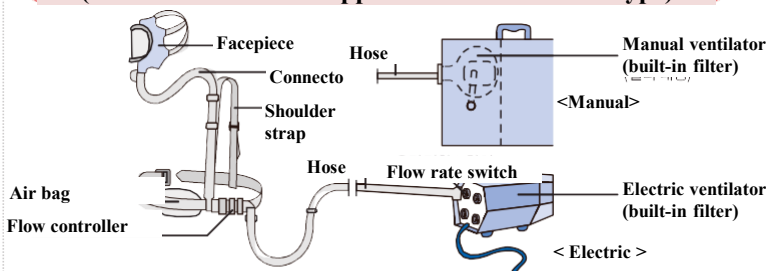
Hose mask

Inhalation mask



The end of the hose is fixed in fresh air, and air is sucked in by the user's breathing through a hose, facepiece, etc.

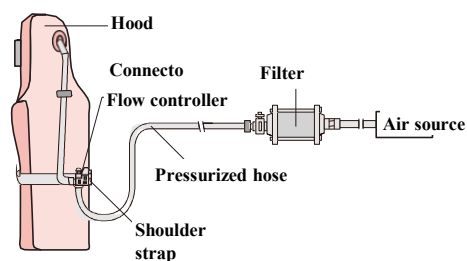
Electric/Manual ventilation (face shield and hood applicable for an electric type)



A ventilator (electric, manual) is fixed in fresh air, and air is delivered through a hose, facepiece, etc. (Equipped with a flow controller and filter)

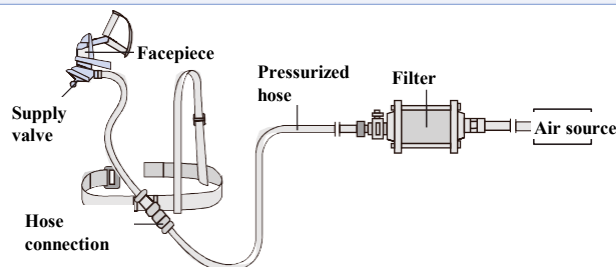
Air-line mask

Constant flow (face shield, hood applicable)



- Compressed air is delivered to the user from an air source through a hose, facepiece, etc. (Equipped with a flow controller and filter)

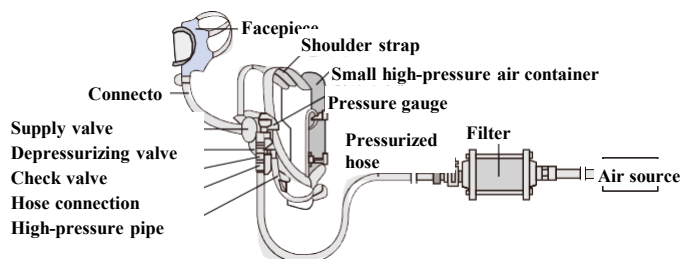
Demand and pressure-demand



With the same structure as the constant flow type, air is delivered into the facepiece according to the user's breathing through supply valves.

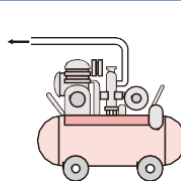
Combined air-line mask

Demand and pressure-demand

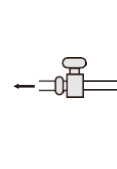


Under normal conditions, it is used as a demand or pressure-demand type; in emergencies, such as an air supply interruption, air is supplied from a high-pressure air container.

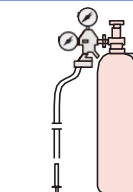
Types of air sources for air-line masks



Air compressor



Compressed air pipe



High-pressure air container



Be sure to check KCs certification!

Visit the **Occupational Safety and Health Certification Institute** website for more information.
(<http://kosha.or.kr/oshci>)

Certified by the Korea Occupational Safety and Health Agency
Safety-certified product: Ventilation Mask
Type/Model: XXXX
Capacity/Class: XXXX
Safety certification No.: ** - AV * CV - **
Date of safety certification: 20** . ** . **
Date of manufacture: 20** . ** . **
Manufacturer: XXXX Co., Ltd.



Guidelines to purchase and use

1 \

Check the **capacity and grade on the safety certification label**, and be sure to **use safety-certified products**.



2 \

Install and use the air intake or ventilator of the ventilation mask (hose mask) **where the oxygen concentration is 18% or higher**.



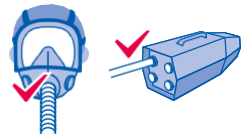
3 \

When wearing a ventilation mask, **use the facepiece, headband, shoulder strap, etc., to suit the user's body**.



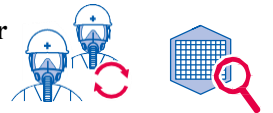
4 \

Before use, **check for any abnormalities**, such as external air leakage or connection between the facepiece and the connector.



5 \

When working for a long time with an air mask with manual ventilators, work with two or more people, check the filter regularly, and clean or replace it when necessary.



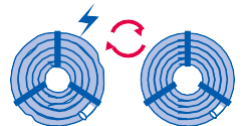
6 \

If you detect **damage to the product, reduced air supply, taste or odor**, or other abnormalities, **leave the site immediately** and take appropriate action.



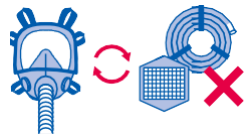
7 \

If the hose is **deformed, ruptured, twisted, or has air leakage** at the connection, **replace it with an appropriate product**.



8 \

Safety **performance will not be guaranteed** if part of the ventilation mask product (cartridge, etc.) is **replaced or changed with an arbitrary product**. **Replace the certified product (including accessories) as specified or check with the manufacturer.**



9 \

Before using the product, **check the Instructions for Use for each product provided by the manufacturer**.



 Protect your **safety** by using certified products **accurately and correctly**!



Select **soundproofing protective equipment** appropriate for the noise level generated in the user's **work environment** and use it **exclusively for personal use**. Be sure to **check the KCs certification mark**.

+ Soundproof protective equipment

+ Safety certification label



Earplugs



Earmuffs

Certified by the Korea Occupational Safety and Health Agency
 Safety-certified product: Soundproof Protective Equipment
 Type/Model: XXXX
 Capacity/Class: XXXX
 Safety certification No.: ** - AV * CZ - **
 Date of safety certification: 20** . ** . **
 Date of manufacture: 20** . ** . **
 Manufacturer: XXXX Co., Ltd.

Be sure to check KCs certification!

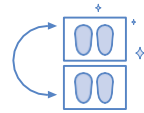


Visit the **Occupational Safety and Health Certification Institute** website for more information. (<http://kosha.or.kr/oshci>)

+ Types and grades of soundproofing protective equipment

Type	Grade	Symbol	Performance
Earplugs	Type 1	EP-1	● Sound insulation from low to high pitches
	Type 2	EP-2	● Insulation of mainly high-pitched sounds but no insulation of low-pitched sounds (conversation)
Earmuffs	-	EM	

+ Guidelines to purchase and use

- 1 Check the **capacity and grade on the safety certification label**, and be sure to **use safety-certified products**. 
- 2 Check whether soundproofing protective equipment is **disposable or reusable**, then **check precautions for use**, such as cleaning and disinfection methods. 
- 3 Store and use soundproofing protective equipment to **prevent contamination**, and especially when wearing earplugs, be careful **not to touch them with dirty hands or allow foreign substances to enter your ears**. 
- 4 If possible, **use disposable earplugs and replace them frequently** to keep them clean and prevent ear infections. 
- 5 In **workplaces with high noise levels** above 110 to 120 dB, **use earplugs and earmuffs simultaneously** for better sound insulation. 
- 6 Safety **performance will not be guaranteed** if part of the soundproof protective equipment is **replaced or changed with an arbitrary product**. **Replace the certified product** (including accessories) **as specified or check with the manufacturer**. 
- 7 Before using the product, **check the Instructions for Use** for each product provided by the **manufacturer**. 