

GAS FILTER

Before using the gas filter, please carefully read and understand these instructions. The gas filters are in compliance with PPE Regulation (EU) 2016/425 and Harmonized standard EN 14387:2004+A1:2008.

USE FOR

This product can be used for respiratory protection against certain air pollutants when all instructions for use, restrictions and other applicable safety and health regulations are followed. Suitable for use with the RE-HALMADBL Half Mask Respirator Double Cartridge.

DO NOT USE FOR

1. Hypoxic environment (atmospheres containing less than 19.5 percent oxygen) and oxygen enriched environment.
2. There is in an oxygen-enriched environment where oxygen concentration >23.5%, it becomes hazardous when the concentration increases. There is no sharp limit even a few percent more increases the hazard. Fires in oxygen enriched atmosphere starts easily with electrostatic sparks and are very intense.
3. Concentration of contaminant is unknown.
4. The type of contaminant is unknown.
5. Contaminant concentration exceed maximum use concentrations established by the applicable local regulatory standards.
6. Explosive atmosphere, underwater work, escape and fire hot zone environment.
7. Sandblasting.
8. Medical use and respiratory protection for children.
9. Do not use for particulates, unless combined with approved particulate filters.

USE INSTRUCTIONS

1. Failure to follow all instructions and limitations on the use of this gas filter and/ or failure to wear the respirator during all times of exposure can reduce respirator effectiveness and may result in sickness or death.
2. Before occupational use of these gas filters, a written respiratory protection program must be implemented meeting all the local applicable requirements.

3. These gas filters cannot be used on their own, but must be configured with the manufacturer's half mask.
4. The gas filter does not produce oxygen, use in normal breathing air quality, do not use in hazards of oxygen deficiency or oxygen or oxygen enriched air.
5. Air pollutants harmful to human health include substances that are too small to be seen by the naked eye.
6. If you smell or taste pollutants, or feel dizziness, irritation and any other discomfort during use, you should leave the contaminated area immediately and seek help.
7. When replacing gas filters, keep away from dangerous areas.
8. When not in use, gas filters and respirators should be stored in a pollution-free environment. Store unopened gas filters in a cool dry and pollution-free place.
9. Dispose of used gas filters, in accordance with applicable laws and regulations.
10. Never substitute, modify, add, or omit parts, use only exact replacement parts in the configuration as specified by the manufacturer.
11. Do not abuse or misuse this gas filter.
12. The use of gas or combined respiratory protective devices, specially those which are not directly connected to the face piece during work with open flames or liquid metal droplets may cause serious risk due to the ignition of the charcoal containing filters which may generate acute levels of toxic substances.

TIME USE LIMITATIONS

1. If the gas filter is damaged, leave the contaminated area immediately and repair the respirator.
2. Replace the gas filter according to the established change schedule, or replace the gas filter immediately when the wearer smells, tastes or feels the irritation of pollutants.
3. The gas filter must be replaced if increased breathing resistance occurs.
4. This respirator using multiple filters (Double Filtering Device) should be replaced at the same time.
5. Use the gas filter before the expiration date.

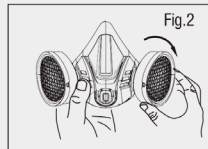
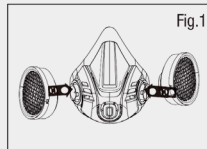
LEAVE THE AIR POLLUTION AREA IMMEDIATELY WHEN THE FOLLOWING SITUATIONS OCCUR:

1. Damage to any part of the gas filters or respirators.
2. Difficulty breathing or increased respiratory resistance.
3. Feeling dizzy or blurry vision.
4. Smell, taste or feel any pollutants.
5. Irritation of the face, eyes, nose or mouth.
6. Suspect that the concentration of contaminants has reached a level where the gas filter do not provide adequate protection.

ASSEMBLY ON FACEPIECE/REPLACEMENT

WARNING: This gas filter is a double filtering device. Please assemble two filters with manufacturer's respirator before wearing. Remove filters from respirator after use.

1. Align gas filter notch with the bump on facepiece, and push together.(Fig.1)
2. Turn gas filter clockwise to stop (1/4 turn).(Fig.2)
3. Repeat for second gas filter.



WHEN REPLACING THE GAS FILTER, REMOVE THE GAS FILTER BY TURNING IT COUNTERCLOCKWISE. CHECK BEFORE USE

1. Check gas filter and package prior to use. Ensure the gas filter is in good condition. Do not use if there are holes, deformation, or cracks on the gas filter.
2. Gas filter can only be used according to its type and class. See marking on the gas filter before use. Choose appropriate to use.

USER SEAL CHECKS

1. Before entering the contaminated area, always check the seal of the respirator on your face, please refer to the user instructions of the matching respirator.
2. Important: do not enter contaminated areas if you cannot get a proper seal and seek help.

CLEANING, MAINTENANCE AND DISINFECTING

Gas filter is not re-usable. Do not need cleaning or maintenance.

STORAGE AND TRANSPORTATION

WARNING: Storage under conditions specified by the manufacturer, otherwise it may affect its classification and shelf life.

1. When not in use, this product should be sealed and stored in a clean, dry, non-contaminated atmosphere.
2. Storage temperature between -10°C and 30°C, relative humidity below 70%.
3. Storage life 5 years from date of manufacture.
4. When stored or transported, keep the respirator in its original packaging to maintain and extend the product in good condition.

IMPORTANT: Do not use out of shelf life.

SELECTION OF GAS FILTER

According to the polluted environmental medium, select the corresponding gas filter, see Table 1 for details.

MODEL	TYPE & CLASS	PROTECTION AGAINST
RE-GFILTA1	A1	For use against organic gases and vapours with boiling point> 65° C (up to 1000 parts per million)
RE-GFILTB1	B1	For use against certain inorganic gases and vapours
RE-GFILTE1	E1	For use against sulphur dioxide and other acidic gases and vapours

RE-GFILT K1	K1	For use against ammonia and organic ammonia derivatives
RE-GFILT-ABEK1	ABEK1	For use against certain organic gases and vapours, certain inorganic gases and vapours, sulfur dioxide and other acidic gases and vapours, ammonia and organic ammonia derivatives
LISTED ABOVE FEATURES: For use with double filtering device		

SERVICE LIFE OF GAS FILTER

The service life of gas filter is affected by the type, volatility and concentration of air pollutants and environmental conditions, such as temperature, atmospheric pressure and humidity. The replacement time of the gas filter is generally determined according to the following methods:

1. When users feel the smell or irritation of air pollutants, they should immediately leave the polluted environment and replace the filters.

2. For routine operations, it is recommended to determine the replacement schedule of filter according to experience, experimental data or other objective methods, and replace them regularly.

3. Record the service time after each use to help determine the replacement time.

4. The service life of ordinary organic gas filter for low boiling point organic compounds is usually shortened, and they should be replaced in time after each use. For the protection of other organic compounds, if the two times of use are several days or weeks apart, replacement should also be considered when reusing.

Marking meaning

Gas filters are classified according to EN 14387:2008 and marked with the protection type (code letter and code color) and level (code number) of the gas filters. Each gas filter is marked with the gas filter protection type, level and reference standard.

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MARKING	CLASS	TYPE OFFILTER	COLOR CODE
A1	Class 1	For use against certain organic gases and vapours with a boiling point> 65 °C (up to 1000 parts per million)	Brown
A2	Class 2	For use against certain organic gases and vapours with a boiling point> 65 °C (up to 5000 parts per million)	Brown
B1	Class 1	For use against certain inorganic gases and vapours	Grey
E1	Class 1	For use against sulphur dioxide and other acidic gases and vapours	Yellow
K1	Class 1	For use against ammonia and organic ammonia derivatives	Green
NOTE: Class 1 is low capacity filters.			

WEIGHT

The weight per filter is 210g each.

Pictogram legend		
1		See manufacturer's instruction manual
2		End of storage time
3		Storage temperature range
4		Maximum humidity during storage

EU Declaration of conformity can be downloaded in the website:
<https://www.rebelsafetygear.com>

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