

The Halfmask should be cleaned and disinfected after each day of use. The filter must be taken off the connector and must not be washed or disinfected. The complete Half Mask should be washed in warm (50 - 60°C) water to which a small quantity of detergent has been added, then rinsed THOROUGHLY in warm water. It may be then disinfected in 'Floridol' solution followed by a further THOROUGH rinse in running water.

All components of the Halfmask must then be inspected to ensure they are clean and any components showing signs of wear or deterioration must be discarded and replaced with genuine Siebe Gorman spares. Pay particular attention to the Exhalation Valve Assembly.

Store in a cool, dry, non-contaminated area to ensure that the Respirator is protected from dust, chemicals, moisture, direct sunlight, excessive heat and physical damage.

MAINTENANCE INSPECTION AND STORAGE

- Ensure the following conditions/applications are strictly adhered to:
- a) Gas/Vapour Filters should not be used for protection against contaminants which:
 - i) Generate high levels of heat or react with the filtering medium.
 - ii) Have poor warning properties of taste, odours or irritation.
 - iii) Cannot be detected by taste and/or smell below the Occupational Exposure Standard for the Gas/Vapour in question.
 - b) There are no harmful particulate substances (i.e. Dusts, Mists or Fumes) present when only Gas/Vapour Filters are fitted to the Respirator and no harmful Gases/Vapours are present when only Particulate Filters are fitted:
 - i) A Combined Filter should be used where both types of contaminants are present.
 - ii) If any doubt exists do not use a Filtering Respirator, but use an air supplied Respirator.
 - c) The Respirator fits correctly (following Donning Instructions carefully). It is unlikely that a correct fit will be achieved by persons with beards or facial hair in the region of the face seal.

CONDITIONS/APPLICATIONS

FILTER LIFE

- a. Particulate and Combined filters must be changed as soon as breathing becomes difficult.
 - b. Gas/Vapour and combined filters are tested for gas capacity in accordance with EN141 and EN143.
- However, the life of the filter in service will depend on:
- i) The contaminant(s) present in the atmosphere
 - ii) The concentration(s) of contaminant(s)
 - iii) The temperature and humidity of the air
 - iv) The type of work being carried out and the rate at which the wearer is breathing.

The respirator wearer must leave the contaminated area upon becoming aware of the contaminant inside the respirator by odour, taste or irritation or upon experiencing any difficulty in breathing.

MAXIMUM USE CONCENTRATIONS

Limitations on the use of some respirators and filters have been established by national legislation or regulations, which must be observed if they are in conflict with the table below.

Type of filter	Max Use Concentration
Gas/Vapour (Class 2)	20 x OEL or 1000 PPM MAX
P1	4 x OEL
P2	10 x OEL
P3	40 x OEL

OEL - Occupational Exposure Limit as defined by national legislation or regulation. Do not use filter respirators in conditions which are immediately dangerous to life or health.

DO NOT USE any Filtering Respirator under any of the following conditions:

- a) In an Oxygen deficient atmosphere (any atmosphere having less than 17% Oxygen by volume at sea level).
- b) In poorly ventilated areas, or confined spaces such as tanks, small rooms, tunnels or vessels unless the confined space is well ventilated and the concentration of toxic contaminants is known to be below the upper limit recommended for the Respirator.
- c) In atmospheres where the concentrations of Toxic Contaminants are unknown or are immediately Dangerous to Life or Health (IDLH). An IDLH atmosphere is an atmospheric concentration of any toxic, corrosive, or asphyxiant substance that poses an immediate threat to life, would cause immediate irreversible debilitating effects on health or would interfere with the ability to escape from a dangerous atmosphere.
- d) For Fire Fighting or for Sand Blasting (abrasive blasting), or for protection against Gas or Vapour contaminants with poor warning properties of odour, taste or irritation.
- e) At concentrations of substance greater than those for which the Respirator is marked or is permitted by COSHH or other applicable Regulations.
- f) Where Chemicals are liable to desorb. In such cases, Filters must only be used once, and immediately discarded.

Any Filtering Respirator, when properly selected and fitted, will significantly reduce, but not completely eliminate, the breathing of contaminants by the Respirator user.

For Carcinogenic substances (assigned the risk phrase "R45: May cause cancer"), a higher level of Respiratory Protective Equipment (RPE) should be used to obtain better protection than is available from a Filtering Respirator e.g. Power Assisted Respirator, Air Line and Self-Contained Breathing Apparatus.

LIMITATIONS



by Honeywell

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**7700-15
HALFMASK
(EN 140)**

INSTRUCTIONS FOR USE

WARNING

Before using this respirator, read these instructions carefully and completely. They must be understood and followed to obtain adequate respiratory protection. Failure to observe the limitations, cautions and warnings in these instructions, and those included in the cartridges or filters, may cause a loss of protection and an exposure to contaminated air from which serious illness, disability or death may result.

N7700-15 HALF MASK

The Siebe Gorman N7700-15 Half Mask is designed for use in general industrial, commercial and agricultural environments. It consists of a silicone rubber facepiece, a cradle suspension head harness system, twin exhalation valves and a filter connector with a standard 40 mm EN148-1 thread capable of taking a wide range of Siebe Gorman "Class 2" filters. The Half Mask complies with EN140 and is available in three sizes:

7700-15L	Large	Part No. 042096.01
7700-15M	Medium	Part No. 042096.02
7700-15S	Small	Part No. 042096.03

ASSEMBLY/DISASSEMBLY

The components are located as shown on the illustration below. When re-assembling ensure that exhalation valves (3b) are securely mounted in the valve bodies (3a) and that the rubber facepiece (1) is fully engaged in the grooves of the exhalation valve bodies (3a) and the filter connector (4).

DONNING THE RESPIRATOR

1. To put on the respirator, remove protective eyewear (if worn), then place the portion of the facepiece containing the filter connector under the chin.
 2. Place the cradle suspension system on the head so the top strip rests across the top of the head and the bottom strip rests above the ears on the back of the head. Then hook the bottom headband strap behind the neck, below the ears, and adjust the position of the facepiece on the face for maximum comfort and best fit.
 3. The lengths of the headband straps are adjustable; tighten or loosen by holding the respirator body or headband yoke with one hand and pulling on the elastic material in the appropriate direction with the other hand. (For a comfortable fit, the headband straps must be adjusted equally on both sides of the respirator.)
 4. Position the facepiece so the nose section rests as low on the bridge of the nose as is comfortable, and tighten the upper headband strap on both sides, just tighten enough so the respirator does not slide down the nose. Do not over tighten. (If the respirator pinches the nose, loosen the upper strap slightly.)
 5. Then, tighten the lower headband strap on both sides just tight enough to secure the respirator under the chin.
- (NOTE: For proper positioning and comfort, the upper headband strap must be adjusted first, then the lower straps are adjusted.) If you previously removed protective eyewear, replace at this time.

TESTING FOR FIT

Before entering an area containing a hazardous atmosphere, the respirator wearer should test the tightness of the seal of the respirator facepiece to the face by carrying out a fit check as detailed below.

WARNING

Do not remove or park the respirator while you are exposed to contaminated air.

Place the palm of the hand over the opening in the filter, inhale and hold your breath for about 5 seconds. If the facepiece collapses slightly and no air leaks between the facepiece and the face are detected, a good fit has been obtained. If air leaks are detected, reposition the facepiece on the face and/or readjust in line with Donning Instructions.

FILTER RANGE APPLICABLE

COLOUR CODE	TYPE CLASS	APPLICATION	PART NO. PACK/10	PART NO. EACH
Brown	A2	Organic gases & vapours boiling above 65°C	041996.01	041933.01
Grey	B2	Inorganic gases & vapours	041996.02	041933.02
Yellow	E2	Sulphur Dioxide & Acid gases	041996.03	041933.03
Green	K2	Ammonia & organic derivatives	041996.04	041933.04
White	P3	Particulate matter. Dust, Mists and Fumes	041997.01	041932.01
Brown/White	A2P3	Organic gases & vapours boiling above 65°C, particulates & aerosols	041995.01	041934.01
Grey/White	B2P3	Inorganic gases & vapours particulates & aerosols	041995.02	041934.02
Yellow/White	E2P3	Sulphur Dioxide, particulates & aerosols	041995.03	041934.03
Green/White	K2P3	Ammonia, particulates and aerosols	041995.04	041934.03

The above Siebe Gorman "Class 2" filters may be used with the N7700-15 Half Mask. Other filters in the range must not be used on the Half Mask as they exceed the allowed maximum weight of 300 grams.

For further information on specific contaminants, contact your filter supplier of Siebe Gorman Technical Department.

ITEM	DESCRIPTION	PART NO.	SPARE AVAILABLE?
1	Facepiece - Large	270002.01	no
	Facepiece - Medium	270002.02	no
	Facepiece - Small	270002.02	no
2	Headharness	270001.01	YES
3	Exhalation Valve Assembly	052850.01	YES
3a	Valve Body	031189.00	no
3b	Exhale Valve	004806.00	no
3c	Valve Cover	029491.00	no
4	Filter Connector	033557.01	no
5	Seal	055909.01	YES
6	Inhale Valve	054563.01	YES
ACCESSORIES		PART NO.	QUANTITY
"Floridol" Disinfectant		050105.01	51
Disinfecting Wipes		270011.00	100

