



Fire Escape Hood

OPERATION AND INSTRUCTIONS

WARNING

THIS MANUAL MUST BE CAREFULLY READ AND FOLLOWED BY ALL PERSONS WHO HAVE, OR WILL HAVE, THE RESPONSIBILITY FOR USING THE S-CAP FIRE ESCAPE HOOD. THESE ESCAPE HOODS WILL PERFORM AS DESIGNED ONLY IF USED AND SERVICED ACCORDING TO THE INSTRUCTIONS; OTHERWISE, THE ESCAPE HOOD COULD FAIL TO PERFORM AS DESIGNED, AND PERSONS WHO RELY ON THE ESCAPE HOODS COULD SUSTAIN SERIOUS PERSONAL INJURY OR DEATH.

The warranties made by MSA with respect to the product are voided if the product is not installed, used and serviced in accordance with the instructions in this manual. Please protect yourself and/or your employees by following the instructions. Please read and observe the WARNINGS and CAUTIONS inside. For any additional information relative to use or repair, write or call 1-800-MSA-2222 during regular working hours.



For More Information, call 1-800-MSA-2222 or Visit Our Website at www.MSAnet.com



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INTRODUCTION

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⚠ WARNING

- The S-CAP Fire Escape Hood is not approved for entry into a contaminated environment, nor for respiratory protection while working.
- An adequate respiratory protection program must include knowledge of hazards, hazard assessment, selection of proper respiratory protective equipment, instruction and training in the use of equipment, inspection and maintenance of equipment, and medical surveillance.
- This respirator will perform as designed only if used and maintained according to the manufacturer's instructions. The Program Administrator and the users must read and understand these instructions before using or servicing this product.
- Do not alter, modify, or substitute any components.
- This respiratory protective device does not supply oxygen. Use only in adequately ventilated areas which conform to the appropriate standard.
- Use strictly according to the instructions, labels, and limitations pertaining to this device.
- Wear impermeable protective clothing to prevent exposure to gases and vapors which can poison by skin absorption.
- The S-CAP Fire Escape Hood provides LIMITED protection. It is EN403 approved for respiratory protection during escape only for up to 15 minutes from smoke, carbon monoxide, acrolein, hydrogen chloride, hydrogen cyanide, and sulfur dioxide associated with fire.
- Do not use without a complete understanding of the instructions and limitations for this respirator and proper training. Misuse can prevent the respirator from providing the necessary protection.
- The S-CAP Fire Escape Hood must be stored in its original, unopened bag until needed for escape. It is recommended the respirator be kept in the original packaging for additional protection.
- The hood is for single use ONLY and must NEVER be reused. Dispose of hood if used, damaged, or the expiration date is exceeded.
- Do not use a damaged S-CAP Fire Escape Hood.
- The S-CAP Fire Escape Hood is not designed to provide respiratory protection in the presence of CBRN agents.
- Do not remove hood in contaminated atmosphere.
- Remove all jewelry or other items that could damage respirator while donning/wearing.
- Ensure zippers or other garment objects do not interfere with donning/wearing.
- Do not don this hood in environments where the temperature is below 10°F. Once donned, do not wear it in temperatures below 0°F.
- Do not store the S-CAP Fire Escape Hood below 0°F or above 120°F. The temperature inside a vehicle can exceed 120°F.

Failure to follow the above warnings, in addition to all instructions, can result in serious personal injury or death.

DESCRIPTION

GENERAL DESCRIPTION

The S-CAP Fire Escape Hood complies with EN 403:2004 and is designed to provide respiratory protection during escape for up to 15 minutes from smoke, carbon monoxide, acrolein, hydrogen chloride, hydrogen cyanide, and sulfur dioxide associated with fire. Inhaled air is drawn through the canister, which contains absorbents and a filter that removes or neutralizes specific contaminants. Exhaled air leaves the facepiece through the exhalation valve.

It is important for the user to become familiar with the application and operation of the S-CAP Fire Escape Hood.

TRAINING

The S-CAP Fire Escape Hood is available in one universal size.

Before using the S-CAP Fire Escape Hood, the user must view the presentation video to obtain necessary instructions and to become familiar with the operation of the hood. This is necessary since the S-CAP Fire Escape Hood must not be deployed until an actual escape situation

Preparations for Use

- Remove all jewelry (earrings, necklaces, rings) or other items that could damage respirator while donning and wearing.
- Ensure zippers or other garment objects do not interfere with donning.

CAUTION

Sharp edges on jewelry or zippers may cause tearing of the hood material.

DONNING

DONNING

1. Remove the S-CAP Fire Escape Hood from from storage packaging.

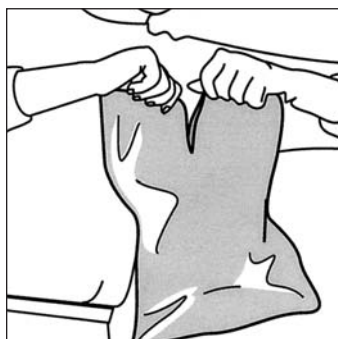


Wall Box



Cardboard Box

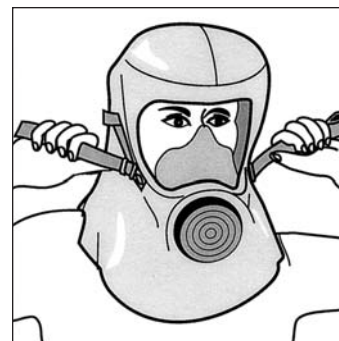
2. Remove the foil bag and remove the S-CAP Fire Escape Hood.



3. Insert both hands through the neckseal, expand hands and pull the neckseal over head.



4. Pull straps towards the back of head with both hands to tighten face-piece.



5. Once the S-CAP Fire Escape Hood is donned, evacuate danger area.



⚠ WARNING

- Be sure not to place finger nails in a position that would tear or rip the neck seal while donning.
- If eyewear is worn, be sure to expand the neckseal outward far enough to clear the eyewear during donning. If the neck seal or hood material becomes torn or damaged the result may be serious personal injury or death.

⚠ WARNING

The S-CAP Fire Escape Hood neckseal may not provide satisfactory protection if hair, clothing, or other conditions prevent direct contact with the skin. Failure to follow this warning may result in serious personal injury or death.

⚠ CAUTION

After donning the S-CAP Fire Escape Hood, breathe calmly and immediately proceed to fresh air.

⚠ WARNING

Do not break the seal between your neck and the respirator during use. Failure to follow this warning can result in serious personal injury or death.

DOFFING

WARNING

Do not remove respirator until respirator and protective clothing are decontaminated; otherwise, exposure to contaminants may result. Follow decontamination and disposal procedures established by appropriate authorities. Failure to follow this warning may result in serious personal injury or death.

REMOVING THE RESPIRATOR

- Lift the front of neckseal and move canister up and over head.
- Disposal of the respirator is to be performed as required by federal, state, and/or local laws.

Note: The S-CAP Fire Escape Hood is not reusable.

STORAGE

- Store the S-CAP Fire Escape Hood in dry, clean conditions out of direct sunlight.

- The S-CAP Fire Escape Hood must be stored in its original, unopened bag until needed for escape. It is recommended the respirator be kept in the original packaging for additional protection. If used, the storage case must not be sealed.

WARNING

The S-CAP Fire Escape Hood must be stored in its original, unopened bag until needed for escape. It is recommended the respirator be kept in the original packaging for additional protection.

- Follow the shelf life expiration date.
- Do not store the S-CAP Fire Escape Hood below 0°F or above 120°F. The temperature inside a vehicle can exceed 120°F.

WARNING

Do not use an expired respirator. Failure to follow this warning can result in serious personal injury or death.

SHELF LIFE AND MAINTENANCE

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Note: The initial expiration date marked on the foil bag label is 4 years from the date of manufacture. Extended storage life testing must be performed before this initial expiration date.

Shelf Life and Test Frequency

The S-CAP Fire Escape Hood has a normal shelf life of 4 years. This period may be extended if the following criteria are met. See chart.

- a. If storage location is in a vehicle see table 1.
- b. If storage location is in a building see table 2.

Test Criteria

The S-CAP Fire Escape Hood is stored in a vacuum foil bag:

- 1. The foil bag for the S-CAP Fire Escape Hood must be air tight and intact.
- 2. The physical weight of the S-CAP Fire Escape Hood must not increase in excess of 2 grams within the total shelf life.

Test Procedure

- 1. Visually check the foil bag. Make sure it is not damaged and is still intact.
- 2. Weight control: On the upper corner of the foil bag you will find a label with the exact weight at the time of production to the accuracy of 0.1 grams as well as month and year of the required first test (4 years after production). Use a calibrated balance with an accuracy of 0.5 grams to weight the foil bag.

Test Results

- 1. Positive: If the foil bag is intact and the maximum weight increase amounts to 2 grams the shelf life of the S-CAP Fire Escape Hood may be extended for 2-4 additional years (see chart). Print the second test date on the label using a felt pen.
- 2. Negative: If the foil bag is damaged or the weight increase exceeds 2 grams the S-CAP Fire Escape Hood must be discarded and replaced in order to avoid severe safety risks of the user

# of Years	Production				Test 1		Test 2	
	1	2	3	4	5	6	7	8
	Normal Shelf Life				Extended Life 1		Extended Life 2	
	Maximum Shelf Life							

Table 1

# of Years	Production				Test 1				Test 2	
	1	2	3	4	5	6	7	8	9	10
	Normal Shelf Life				Extended Life 1				Extended Life 2	
	Maximum Shelf Life									

Table 2

S-CAP RESPIRATOR

Part Number	Description
10064644	Universal Size S-CAP Fire Escape Hood, Cardboard Box
10064645	Universal Size S-CAP Fire Escape Hood, Wall-mount Box



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