

# THE ONLY ESCAPE HOOD WITH AN AIR-FILTERING BLOWER.

**AOSafety**  
**ESCAPEHOOD**  
**CB Plus**



- Blower automatically turns on right out of the storage case.
- Blower eliminates breathing resistance and minimizes fogging.
- No mouthbits, nose cups, or straps to hassle with.
- Works with facial hair or eye glasses.
- Very stretchy neck dam makes donning easy and provides great fit.
- Extremely easy to use; minimal training.
- Meets Edgewood Chemical Biological Command specifications for Chemical-Biological Escape Hoods; independently tested at U.S. Army Research, Development, and Engineering Command (RDE-COM, formerly SBC-COM) located at Aberdeen in Maryland.
- Comes foil-wrapped in a plastic storage container which provides a 5 year shelf life.

With today's threats, the Escape Hood belongs in every government, business, or highly populated facility.



# IN A MATTER OF SECONDS THE AUTOMATIC BLOWER HAS WEARERS BREATHING SAFELY.

This oversized totally clear escape hood is extremely easy to use with its self-activating blower and 2-step donning. No mouthbit to bite down on. No nosecup or straps to adjust. Just put it on and go.



Remove respirator from box and blower begins running.



Slip-on the hood from the top of head down to neck.

## Cartridge Filter Service Life Testing

The cartridge filter meets military C2A1 specifications for chemical warfare and particulate agents. The table below provides the data for the C2A1 canister:

Test Agent	Challenge Concentration	Relative Humidity	Temperature	Flow Rate	Breakthrough Concentration	Breakthrough Requirement	Breakthrough Time
Cyanogen Chloride * (Blood agent)	4000 mg/m <sup>3</sup>	80% +/- 3%	26+/-3° C	32 LPM intermittent	8.0 mg/m <sup>3</sup>	30 minutes	Average 37 minutes
DMMP * (Sarin stimulant; nerve agent)	3000 mg/m <sup>3</sup>	<15%	26+/-3° C	50 LPM intermittent	0.04 mg/m <sup>3</sup>	59 minutes	>90 minutes

\*Cyanogen chloride and DMMP are 2 critical test agents required in the US Military standard, MIL-PFR-5160A(EA).

Canister includes 99.995% efficient particle filter for particulate aerosols such as airborne biological agents and radiological particles.

## INDEPENDENT THIRD PARTY TESTING WAS CONDUCTED AT THE U.S. ARMY RDE-COM.

### Quantitative Fit Factor Testing

Edgewood Chemical Biological Command protocol pass criteria: at least 95% of test subjects must achieve a fit factor equal to or greater than 2000.

Percentage of Test Subjects	Minimum Fit Factor
52.1% of Test Subjects Meet or Exceed	50000
75% of Test Subjects Meet or Exceed	20000
95.8% of Test Subjects Meet or Exceed	2000

### Chemical Warfare Agent System Permeation Testing

Agent	Test Conditions	Challenge Concentration	Maximum Allowable Breakthrough Concentration After 15 Minutes	AOSafety Escape Hood Maximum Breakthrough Concentration After 15 Minutes
Cyanogen Chloride (CK) Vapor	50 LPM, 35 cycles per minute, 50% RH, 25° C	500 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>	< LOD* (Pass)
Sarin (GB) Vapor		1000 mg/m <sup>3</sup>	0.008 mg/m <sup>3</sup>	< 0.008 mg/m <sup>3</sup> (Pass)
Mustard (HD) Vapor		200 mg/m <sup>3</sup>	0.42 mg/m <sup>3</sup>	< 0.05 mg/m <sup>3</sup> (Pass)
Mustard (HD) Liquid		10 g/m <sup>2</sup>	0.42 mg/m <sup>3</sup>	< 0.004 mg/m <sup>3</sup> (Pass)

\*LOD is limit of detection of instrument.

The escape hood recommended use time is less than 30 minutes. Please note that the actual breakthrough or service time of the escape hood will depend on actual concentrations of the contaminant in air as well as other factors.

Product Code	Description
59100-00000	AOSafety® Escape Hood CB Plus

### For Ordering Information Or Your Nearest Stocking Distributor:

	USA	Canada	Export Sales
Tel	1-800-225-9038	1-800-387-9681	1-317-692-6643
Fax	1-800-488-8007	1-800-488-8007	1-317-656-5827

### Technical Questions?

	USA and Canada	Other Countries
Tel	1-800-444-4774	1-508-764-5721
Fax	1-508-764-5640	1-508-764-5640

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