



This Emergency Escape Hood / Gas Mask is designed for escaping from areas contaminated by chemical or biological agents, or to a safe place away from the scene of a fire. Do not use the mask for a lengthy time, either for extinguishing a fire or while working.

**Warning**

This product has two canisters: One for NBC agents / civil defense, and One for escaping from smoke / fire. Please choose the canister appropriate for the conditions. Keep out of the reach of children.

**How to use**

1. Pull out the gas mask carefully from the sealed foil pouch.
2. Choose the correct canister - biological (blue) or smoke (red).
3. Put on the gas mask with the lenses facing downward.
4. Adjust the straps of the headpiece.
5. Check for proper fit by inhaling air while covering air inlet.
6. Breathe normally and escape to the closest point of safety.



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**Caution for use**

Please open the airtight packaging in time of emergency only. Not for use in low oxygen environments. If you use the gas mask in a place with a low oxygen level (less than 18%), please escape rapidly after putting it on. Please do not use the escape mask during rescue or general work. \* The gas mask is generally assembled with the canister for escaping fire, so if you're at the scene of a fire, please escape immediately after putting on the gas mask.

**Specifications for Canister**

**Canister for Civil Defense**

| Description                                       |                                    | Capacity          |
|---|------------------------------------|-------------------|
| Weight  |                                    | About 3.7Oz(105g) |
| Expiration Date(In the waterproof Packaging)      |                                    | 5 Years           |
| Loss in weight due to dryness(Wt%)                |                                    | Less than 5       |
| Resistance to air(mmH <sub>2</sub> O)             |                                    | Less than 40      |
| D.O.P permeability of smoke(%)                    |                                    | Less than 0.025   |
| Expiration Date(In the waterproof Packaging)      |                                    | 5 Years           |
| Challenge Concentration (mg/m <sup>3</sup> . Min) | CK (Cyanogen Chloride) Blood Agent | 20,000 or more    |
|   | GB (Sarin) - Nerve Agent           | 100,000 or more   |

**Canister for Escaping Fire**

| Description                                  |                     | Requirements   | Capacity                         |              |
|--|---------------------|--|----------------------------------|--------------|
| Weight                                       |                     | About 4.2Oz(120g)  |                                  |              |
| Expiration Date(In the waterproof Packaging) |                     | 5 Years  |                                  |              |
| Capacity for Protection from Smoke           | Density of Smoke    | Graphite, cerusite:Less than 0.1m after 3 min                  | 0.01/m after 5 min.              |              |
|  | CO Removal          | CO density:Less than 350ppm after 3 min                        | 230ppm after 5 min.              |              |
|  | Resistance to Draft | Graphite, cerusite:Less than 50mm H <sub>2</sub> O after 3 min | 23mmH <sub>2</sub> O after 5 min |              |
| Capacity for Protection from Gas             | Corresponding Gas   | Conditions for Test  |                                  |              |
|  |                     | Gas Density  | Penetration Density              |              |
|  | Capacity for Gas    |  |                                  |              |
|  | HCl                 | 1,000  | 5                                | over 15 min. |
| SO <sub>2</sub>                              | 200                 | 5  | over 80 min.                     | 97 min.      |
| HCN  | 200                 | 10   | over 100 min.                    | 260 min.     |

**How to care for the Evolution® Escape Hood**

1. Please keep the canister hermetically sealed at all times.
2. Please keep the canister in a dry place at all times.
3. Please change the canister immediately under the following conditions:
  - \* when the canister has been used once in a real-life situation
  - \* when the canister is pulled out without the vinyl packaging
  - \* when the canister has absorbed moisture from the air after the vinyl packaging has been opened