

# C50 CBRN Mask

## Next Generation NIOSH Approved Respirator

Avon's C50 is our latest full facemask design that provides high protection, outstanding field of vision and superior comfort. Its innovative design features optimize the user's operation time, whether it's for battlefield CBRN protection, law enforcement or counter terror operations. With the appropriate filter, the C50 protects against a range of CBRN threats including chemical warfare agents, toxic industrial chemicals (TICS), toxic industrial materials (TIMS), biological and radiological hazards and riot agents.

### Unique Visor Technology

- Unique polyurethane visor is highly flexible and scratch and impact resistant.
- Gives users distortion-free vision across the entire field of view.
- Panoramic visor design gives excellent field of vision and wearer recognition while greatly enhancing compatibility with weapon sights.
- The Vision Correction System allows prescription lenses to be mounted inside the mask.
- Sunlight outserts can be used for high intensity light situations or clear outserts for extreme environments. Blue Blocker and Laser outserts also available.

### Communication

- Front mounted exhale valve allows for clear communications.
- For enhanced communication, an optional Voice Projection Unit (VPU) with internal microphone is easily connected via the Electronic Communication Port (ECP).
- Additional external communication systems can be attached via the ECP using an appropriate lead.

### Air Flow Management

- Heat build-up is minimized.
- Low inhalation resistance.
- Low CO2 build-up.
- Excellent anti-fogging properties.



### User Comfort

- Lightweight with a low profile ensures the C50 mask is comfortable over long periods in the field.
- Can be donned in under 9 seconds due to the pre-adjusted buckles.
- 3 sizes provide a secure and comfortable fit for all facial shapes and sizes.
- Compatibility with helmets and CBRN protective clothing is improved due to the low profile, close contour brow, flat buckles and extended chin flap.
- Filter canisters can be side-mounted on either the left or right side minimizing interference with weapons while allowing improved capability for shoulder mounted devices.
- The chloro-butyl/silicone blend face piece material ensures the mask is not only high in protection but also provides a better seal and is more comfortable to wear for extended periods.
- The high flow, fail-safe drinking device allows connection to either a canteen or bladder type hydration system.



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### Industry Certified Protection Factors

- NATO standard protection factors gives reassurance that the mask has been rigorously tested to optimum levels.
- NIOSH CBRN approved TC-14G-0285.
- NIOSH approved 42 CFR 84 CS/CN/P100.
- A range of filters are available to meet the variety of needs the C50 can address. Please refer to the back page for full details of filter applications.

### Accessories

- Easy to maintain with simple access to key components such as valves.
- Standard Avon accessories are available such as hydration canteens, Vision Correction System, clear and sunlight outsert lenses and a range of storage and carry bags.

### About Avon

In more than 50 countries, frontline military personnel, fire fighters, and law enforcement officers trust Avon for innovative, personal respiratory protection products that are comfortable and easy to use.

Visit [www.avon-protection.com](http://www.avon-protection.com) to see our complete offering of CBRN masks, SCBAs and Thermal Imaging Cameras.



Trusted in Hazardous Environments

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