



## M50/51 Joint Service General Purpose Mask JSGPM

### Description

The JSGPM is a lightweight, protective mask system – consisting of mask, carrier and accessories – that incorporates state-of-the-art technology to protect U.S. forces from anticipated threats. The mask components are optimized to minimize impact on the wearer's performance. This mask replaces the M40/42 and MCU-2/P Series Masks and the M45 in the Land Warrior Program.

### Mission

To provide face, eye and respiratory protection from battlefield concentrations of Chemical and Biological (CB) agents, toxins, toxic industrial materials and radiological particulate matter.

### Capabilities

- ❑ Provide 24 hours of above-the-neck protection from CB agents and radioactive particles
- ❑ Overall field-of-view is greater than or equal to 80%
- ❑ Inhalation breathing resistance is less than or equal to 30mm of water
- ❑ Improved compatibility with current and emerging CB garments
- ❑ Improvements Over the MCU-2/P, M40/M42 and M45:
  - ~ Reduced weight, bulk and lower breathing resistance
  - ~ Increased drinking capability
  - ~ Improved mask carrier system
  - ~ Filter Service Life Indicator capability
  - ~ Flame Resistant Hood for Combat Vehicle Version
  - ~ Improved reliability, improved comfort
  - ~ Filter change out in a contaminated environment (self-sealing valve)

### Users

USSOCOM, US Navy, US Marine Corps, US Coast Guard, US Army, US Air Force

### Status

Production and Deployment



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