



Joint Service Chemical Environment Survivability Mask

JSCESM

Description

The M52 JSCESM is a commercial-off-the-shelf, lightweight, low bulk, short duration protective mask/hood capable of providing warfighters with above-the-neck respiratory and ocular protection against low-level threat Chemical, Biological, Radiological and Nuclear (CBRN) attacks. JSCESM is used when the standard-issued equipment (e.g., M40, MCU-2/P, etc.) is not practical.

Mission

To provide warfighters protection against non-direct contact hazards such as chemical vapors, fumes and airborne biological and radiological particulate hazards.

Capabilities

- One-size-fits-all
- Weight is less than or equal to 1.2 pounds
- Disposable, one-time use with no repair or spare parts
- Ten year shelf life
- Provides over two hours of continuous above-the-neck protection against low-level CBRN vapor, aerosol and particulate threats
- Capable of operation from 32 to 120°F (0 to 49°C) and between 5 to 100% relative humidity.



Users

USSOCOM, US Air Force

Status

Sustainment

This Fact Sheet was cleared for public release on 3/11/2012.

Point of Contact: Chemical, Biological, Radiological, & Nuclear Information Resource Center (CBRN IRC), CBRN.IRC@us.army.mil,
Toll Free: 1-800-831-4408, Commercial: (309) 782-7349, DSN: 793-7349, Fax: (309) 782-1919