

SYSTEM OF BIOLOGICAL PROTECTION

PROTECTIVE BIOLOGICAL AND CHEMICAL SUIT EBO-10/M

The protective biological and chemical suit EBO-10/M is the product of continuous development in the area of protective means of individuals. It differs from the previous type (EBO-10) in its volume air flow which has been increased up to 160 dm³/min and an innovative cephalic cross construction. The material is on the same base, just the butyl rubber coating is thicker, in order to ensure better resistance to chemicals.

- user's protection is secured by inner positive pressure
- filtration-ventilation unit supplies sufficient amount of filtered air (160 dm³/min)
- accumulator guarantees at least 8 hours of operating time
- quality of filtered air is ensured by appropriate filters, placed outside the suit
- optimal volume of inner positive pressure is ensured by one-way overpressure valves
- large view-through
- special hermetic zip fastener
- all seams are super-sealed by elastomeric mixture
- fabric: butyl rubber
- inovated cephalic cross



Technical parameters

- weight of the suit approx. 5500 g for size No.2 (incl. filtration-ventilation unit; without underwear, boots and gloves)
- weight of boots: 2700 g for size No.45

Materials

- overall: fabric, two-side-coated with butyl rubber
- view-through: polymethyl-methacrylate (PMMA)
- boots: mixture of polyvinylchloride (PVC) and nitrile rubber with the slip-resistant profile, reinforced boot-tip and insole
- rubber gloves in green: nitrile rubber
- rubber gloves in black: butyl rubber
- seams: sewn, rubber-mixture covered (insulation) at the outer surface

The protective biological and chemical suit provides the highest level of protection within ventilated suit category 1c-B.

The product is certified by accredited testing centre the Occupational Safety Research Institute Prague in compliance with ČSN EN 14126:2004 and ČSN EN 943-1:2003.



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