

HALF MASK FILTER DISPOSABLE SERIES PFO

**AREAS OF APPLICATION
DESCRIPTION**

HALF MASK FILTER DISPOSABLE SERIES PFO

(hereinafter - half mask) with exhalation valve and without exhalation valve is personal protective equipment for human respiratory organs and is intended for to protect human respiratory organs from solid and liquid aerosols (dust, smoke and fog), including from infections transmitted by air-drop those. Half mask is intended for use in industry (mechanical - machining metals, paint works, etc.), construction (cutting stone, paint works etc.), agriculture (fertilizer spraying and water-based pesticides, sorting waste, etc.), as well as in domestic conditions by the population.

Half mask is also intended to limit the transmission of infectious agents from patients to personnel in medical schools childbirth (polyclinics), and can also effectively contribute to reducing the entrance of infectious agents into the nasal and oral cavity when breathing both patients and staff.

Half mask is designed for one-time (one-time) use during one shift (not more than 8 hours, depending on operating conditions).

The efficiency of bacterial filtration of the half mask is at least 98% (type II according to GOST R 58396-2019).



Models of half-masks, their protection classes as per GOST 12.4.294-2015, constructive features and efficiency of filtration.

Half mask model	Protection class in accordance with GOST 12.4.294 - 2015	Design features and efficiency of filtering
PFO-B-101	FFP1	Half mask without exhalation valve. The low performance (penetration coefficient through the half mask no more than 22%).
PFO-B-201	FFP2	Half mask without exhalation valve. Efficiency average (penetration coefficient through the half mask no more than 8%).
PFO-B-301	FFP3	Half mask without exhalation valve. High performance (penetration coefficient through the half mask no more than 2%).
PFO-K-101	FFP1	Half mask with the exhalation valve. The low performance (penetration coefficient through the half mask no more than 22%).
PFO-K-201	FFP2	Half mask with the exhalation valve. Efficiency average (penetration coefficient through the half mask no more than 8%).
PFO-K-301	FFP3	Half mask with the exhalation valve. High performance (penetration coefficient through the half mask no more than 2%).

**THE MATERIALS
APPLIED BY
PRODUCTION OF THE
PRODUCT**

The half mask consists of the following materials:

- SpanBel nonwoven fabric;
- the filtering material Meltblau (2,3,4 layers depending on the protection class);
- SpanBel nonwoven fabric.