



PURPOSE AND CONDITIONS OF USE

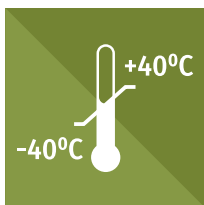
Filters are intended for use with panoramic masks of MAG series and half masks. Attaching filters to the half masks is carried out through the connecting tube. Filters are used to protect from gases, vapors or mixtures of these substances and particles in order to reduce their harmful effects on the human respiratory system.

The filters have a standard thread Rd 40x1/7 (compliant with thread Kr 40x3,5) or a special 40x4 circular thread. The thread type is indicated on the filter.

ATTENTION!

- The frequency rate of reducing the concentration of harmful substances with DOTpro filters: when used with full face masks - 2000, when used with half masks - 50;
- Choose a filter type depending on the type of hazardous substances;
- Never use or store filters after the expiration date shown on the bottom;
- It is prohibited to use filters in conditions of possible lack of oxygen in the air (for example, in tanks, wells, other isolated rooms of this type), with unknown composition and concentrations of harmful substances, as well as for protection from low-boiling, poorly sorbed organic substances (methane, ethane, butane, ethylene, acetylene, etc.);
- Never use filters in an explosive atmosphere.

The concentration
of oxygen
is at least
17% by vol.



CHARACTERISTICS OF FILTERS
























1. Filters meet the basic requirements:

- Occupational Safety and Health, set out in Annex II to EU Regulation 2016/425;
- Standard EN 14387: 2004 + A1: 2008 "Respiratory protection equipment. Gas and combined filters. General technical requirements.

Test methods. Marking";

- Standard EN 143: 2000 + A1: 2006 «Respiratory protection equipment. Particle filters. General technical requirements. Test methods».

2. DOTpro FOR FULL FACE MASKS OF MAG SERIES

Filter	Color	Presence of connecting tube	Protection from the following harmful substances	
	DOTpro 150 A1P3D		-	Combination of organic gases and vapors with a boiling point > 65°C, particles
	DOTpro 150 K1P3D		-	Combination of ammonia and its organic derivatives, particles
	DOTpro 150 A1B1E1P3D		-	Combination of organic gases and vapors with a boiling point > 65°C, inorganic and acid gases, and vapors
	DOTpro 150 A1B1E1K1P3D		-	Combination of organic gases and vapors with a boiling point > 65°C, inorganic and acid gases, vapors, ammonia and its organic derivatives and particles
	DOTpro 250 A2		-	Organic gases and vapors with a boiling point > 65°C
	DOTpro 250 A1B1E1K1		-	Combination of organic gases and vapors with a boiling point > 65°C, inorganic and acid gases, vapors, ammonia and its organic derivatives
	DOTpro 320 A2P3D		-	Combination of organic gases and vapors with a boiling point > 65°C, particles
	DOTpro 320 HgP3D		-	Mercury vapor and particles
	DOTpro 320 A2B2E2K2P3D		-	Combination of organic gases and vapors with a boiling point > 65°C, inorganic and acid gases, vapors, ammonia and its organic derivatives and particles
	DOTpro 320+ K2P3D		-	Combination of ammonia and its organic derivatives, particles
	DOTpro 320+ A2B2E2P3D		-	Combination of organic gases and vapors with a boiling point > 65°C, inorganic and acid gases and vapors, particles
	DOTpro 460+ A2B2E2		-	Combination of organic gases and vapors with a boiling point > 65°C, inorganic and acid gases, and vapors
	DOTpro 460+ A2B2E2AX		-	Combination of organic gases and vapors with a boiling point > and < 65°C, inorganic and acid gases, and vapors
	DOTpro 460+ A2B2E2K2		-	Combination of organic gases and vapors with a boiling point > 65°C, inorganic and acid gases, vapors, ammonia and its organic derivatives
	DOTpro 600 A3AXP3D		+	Combination of organic gases and vapors with a boiling point > 65°C, particles
	DOTpro 600+ A2B2E2K2AXP3D		+	Combination of organic gases and vapors with a boiling point > 65°C, inorganic and acid gases, vapors, ammonia and particles
	DOTpro Premium A1B2E2K2HgNOCOSXP3D		-	Combination of organic gases and vapors with a boiling point > 65°C, inorganic and acid gases, vapors, ammonia mercury vapors, carbon monoxide, nitrogen oxides (multiple use) and particles

CHECKING BEFORE USE

- Ensure the integrity of the indicator tapes to exclude the fact of opening the product and check the end date of use indicated on the filter;
- To put the filters into operation, open the packaging and indicator tapes, remove the plugs. Read the specifications on the filter carefully to make sure that it meets your needs.

SERVICE LIFE

1. Gas filters (protection from gases and vapors): replace the filter if there is a smell of harmful substances in the inner mask;
2. Combined filters (protection from gases, vapors and particles): replace the filter if there is a smell of harmful substances in the inner mask or if you feel a sharp difficulty of breathing (increased breathing resistance). Particle filters: replace if you feel a sharp difficulty of breathing (increased breathing resistance);
3. Combined filters with AX marking, for protection from low-boiling organic substances with a boiling point below 65 ° C, are applied once;
4. Maximum time of operation of the filter on mercury vapor is 50 hours;
5. To protect from carbon monoxide and nitrogen oxides, the filter is applied once.

TRANSPORTATION

- Filter boxes should be transported by all types of closed vehicles in accordance with the rules for the transportation of goods;
- During loading and unloading operations, filter boxes must not be subjected to throws and shock loads;
- Filters should be stored in storage facilities in the packaging of the manufacturer;
- Filter boxes must be stored on pallets in stacks of no more than six boxes in height. The distance between the piles is at least 0.8 m;
- Filter boxes should not be subjected to deformations and shock loads, exposure to aggressive substances, harmful vapors.

STORAGE

- It is recommended to store closed filters in a cool and dry place, without being exposed to harmful substances;
- Filters should be stored in their original packaging at temperatures from - 50 to + 50 ° C in dry rooms protected from the effects of precipitation and groundwater. Maximum humidity is 98%;
- Storage in conditions different from those indicated by the manufacturer may affect shelf life. Each filter has an expiration date.