

CIVIL GAS MASK GP-7 (GP-7W)



PURPOSE

Gas mask GP-7 (GP-7W - with water inlet device) is intended for protection of respiratory organs and eyes of adults, including personnel of non-militarized civil defense units, from toxic substances, radioactive dust and bacterial aerosols, and can also be used for protection against accidentally hazardous chemicals, hazardous chemicals of inhalation action, radionuclides of iodine and its organic compounds.

CONDITIONS OF USE

The gas mask operating temperature is from - 40 ° C to + 40 ° C.

GAS MASK COMPONENTS

The gas mask kit includes the facepiece MGP (MGP-W with water inlet device), the FPK GP-7K filter, an additional DPG-3 cartridge is used to expand the scope of the gas mask.

TABLE 1. FILTERS FOR GAS MASK GP-7

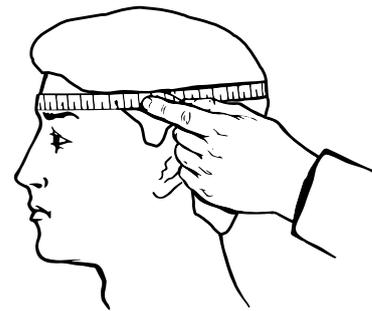
Name	Material	Thread	Notes	Picture
FPK GP-7K	Metal	Round 40x4		
DPG-3	Metal Composite polymer material		<ol style="list-style-type: none"> 1. Provides protection against ammonia and dimethylamine 2. Doubles the breakthrough time regarding chlorine, hydrogen sulfide, nitrobenzene, phenol, tetraethyl lead, etc. 	 

TABLE 2. SPECIFICATIONS

Name of indicator	Value of indicator	
Initial resistance of the gas mask to constant air flow of 30 dm ³ /min, Pa, not more - When inhaling	176,4	
Initial resistance of the filter to constant air flow of 30 dm ³ /min, Pa, not more - When inhaling	156,8	
Size	1, 2, 3	
Breakthrough time, min, not less:		
Gas mask with filters:	FPK GP-7K	DPG-3
- hydrogen cyanide at a concentration of 5.0 mg / dm ³	18	18
- chlorocyan at a concentration of 5.0 mg / dm ³	18	18
- hydrogen sulfide at a concentration of 10.0 mg / dm ³	25	50
- ammonia 5.0 mg / dm ³	No protection	60
- dimethylamine 5.0 mg / dm ³	No protection	80
- chlorine at a concentration of 5.0 mg / dm ³	40	100
- hydrogen chloride at a concentration of 5.0 mg / dm ³	20	30
- tetraethyl lead at a concentration of 2.0 mg / dm ³	50	500
- ethyl mercaptan at a concentration of 5.0 mg / dm ³	40	120
- nitrobenzene at a concentration of 5.0 mg / dm ³	40	70
- phenol at a concentration of 0.2 mg / dm ³	200	800
- furfural at a concentration of 1.5 mg / dm ³	300	400

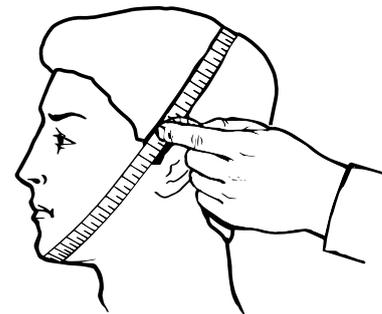
PREPARATION FOR USE

It is necessary to choose the size of the facepiece according to the measurements of head circumference. The selection of the required size is determined by the sum of the horizontal and vertical circumferences. The horizontal head circumference is determined by measuring the head size in a line running above the eyebrows, 2-3 cm above the edge of the auricle and behind through the most prominent point of the head (look at the picture 1).



pic. 1

The vertical head circumference is determined by measuring the head in a line through the top of the head, cheeks and chin (look at the picture 2).



pic. 2

The results of the measurements are rounded to the nearest 5 mm. The sum of both measurements determines the size of the mask (see table 3). The stop position of the head harness straps is indicated as follows: the first digit is the number of the frontal strap, the second is the temporal strap, and the third is the buccal strap.

TABLE 3. SIZES OF THE FACEPIECE MGP

Size of the facepiece	1		2		3		
Stop position of the straps	4 - 8 - 8	3 - 7 - 8	3 - 7 - 8	3 - 6 - 7	3 - 6 - 7	3 - 5 - 6	3 - 4 - 5
The sum of the horizontal and vertical circumferences	Up to 1185	1190 - 1210	1215 - 1235	1240 - 1260	1265 - 1285	1290 - 1310	1315 and more

TRANSPORTATION AND STORAGE

1. Gas masks are transported and stored in the original packaging - boxes for personal protective equipment.
2. Boxes with gas masks are stored in dry facilities, protected from atmospheric precipitation and groundwater.
3. The issued gas masks should be stored assembled in bags for storage and carrying.
4. It is forbidden to store gas masks on the floor, on open shelves, in bedside tables, etc.
5. It is forbidden to store gas masks near heating devices.
6. The guaranteed shelf life of the gas masks with FPK GP-7K filter in the packaging of the manufacturer is 13 years from the date of acceptance of the batch of gas masks by the technical control department.
7. The guaranteed shelf life of DPG-3 cartridge is 10 years from the date of acceptance of the batch of gas masks by the technical control department.