

EN USER INFORMATION MASKS/FILTERS

THIS USING INSTRUCTION APPLIES TO THE FOLLOWING PERSONAL PROTECTING EQUIPMENT:

Half Mask: PORTWEST P410 (Test method: EN 140:1998)
Gas Filter: PORTWEST P900 A1, P920 ABEK1 (Test method: EN 14387) **Partide Filters:**
PORTWEST P940 P3 R, PORTWEST (Test method: EN 143:2000)

Refer to the product label/markings for detailed information on the corresponding standards. Only standards and icons that appear on both the product and the user information below are applicable. All these products comply with the requirements of Regulation (EU 2016/425).

- Failure to follow all instructions and limitations on the use of this respirator and / or failure to wear this respirator during all times of exposure can reduce respirator effectiveness and result in sickness or death.
- Before use, wearer must first be trained by the employer for proper respirator use in accordance with applicable Safety and Health Standards. Respiratory protection appliances are to be selected depending on the type and concentration of the hazardous substances.
- The Respirator may only be used if the type and concentration of the harmful substances are known. In case of unknown substances or concentrations or variable conditions, breathing apparatus should be used.
- This respirator does not supply Oxygen. Do not use in atmosphere containing less than 17% Oxygen.
- Non-ventilated containers, mines, canals should not be entered with the filtering half masks because of the risk of Oxygen deficiency or presence of heavy Oxygen-displacing gases (e.g. Carbon Dioxide).
- If the respirator is damaged or breathing becomes difficult, leave the contaminated area, discard and replace the respirator. Also leave the contaminated area immediately if dizziness or other distress occurs.
- Never alter or modify this respirator.
- Do not use with beard or other facial hair that prevents direct contact between the face and the edge of the respirator.
- Do not use when concentrations of contaminants are immediately dangerous to life and health, are unknown, or when Particulate concentration exceed the maximum use level / or other levels determined by your National Occupational Safety and Health Authorities.
- Gas filter do not protect against particulates. Similarly, particulate filters do not provide protection against gases or vapours. In case of doubt, use combined filter. Combined filter are used for protection against gases and particulate filter.
- Combination of gas filter of the type P900 A1 & P920 ABEK1 with a particulate filter P940 P3 R fulfill the combined filter class: A1 P3 R & ABEK1 P3 R.
- Normal filtering devices do not protect against certain gases such as CO (Carbon Monoxide), CO2 (Carbon Dioxide) and N2 (Nitrogen).
- When a breathing protector is used in explosive atmosphere, please follow the instructions given for such area.
- Gas filters shall be replaced when the user begins to sense odour, taste or irritation. Filters used against detrimental gases that do not display any significant indications, require special regulations for the duration of use and correct usage. Particulate Filter, combined filters & combination filters must be replaced at the latest when breathing resistance becomes too high.
- Respirator should be disposed off if damaged, or the set safe wear time exceeds or the gas / vapour is detected inside the respirator by taste or smell.
- Always replace both filters together, if you feel breathing discomfort, and only to be used with twin filter half masks. Material of mask body: TPE/PP = thermoplastic elastomeric Sizes: S = small, M = medium or L = large
- EN 529 "Instructions for the selection and use of respirators" or the corresponding national regulations are authoritative for the use of filter apparatus sets. For Germany these are the BGR 190 "Rules for the use of respirator" from the German federation of institutions for statutory.
- Markings: PORTWEST P410 suitable for the filters PORTWEST P900 A1, P920 ABEK1, P940 P3R, P950 A1P3R, P970 ABEK1 P3R.
- R means Reusable: The reuse of the particulate filter or combined filter is not limited to the duration of a single working shift, i.e. the filters may be reused beyond the duration of a single working shift.
- NR means non-reusable, do not use it over a working shift of 8 h
- Do not use the filters near explosives. Please give attention to the fact that while working with open flames or liquid metal droplets it may occur an ignition of the activated carbon in the gas or combined filters and acute hazardous concentrations of toxic substances may occur as well.
- Unpacked filters can be used for maximum six months
- Please do not use the filters against unknown concentrations and unknown chemicals
- Mass of filters and the mask together should not be > 300 g
- Half Masks and filters exclusively for Anglophone countries.

PORTWEST GAS FILTERS PAIR-WISE USED IN CONNECTION WITH PORTWEST HALF MASKS - P410			
PORTWEST FILTER	HAZARD TYPE EXAMPLES	MAXIMUM USER LEVELS	COLOUR CODE
P-900 A1	Cyclohexane	1000 ppm or 10 x OEL whichever is lower	BROWN
P-920 ABEK1	MULTI-GAS FILTER ABEK1	1000 ppm or 10 x OEL whichever is lower	BROWN, GREY, YELLOW, GREEN
P-940 P3R	NON HIGHLY VOLATILE LIQUID & SOLID PARTICLES	1000 ppm or 10 x OEL	WHITE

TEST FOR LEAKS BEFORE USE (EITHER)

Negative pressure test:

Seal both respiratory filters with your hands and breathe in until a negative pressure is created. Hold your breathe for a moment. The negative pressure should be maintained. If not, adjust the straps or use a different size of mask.

Half mask may not fit correctly over a beard or drooping cheeks – danger of poisoning!
Half mask must fit tightly and the respiratory filters must be fitted before entering the contaminated area.

EXCESS PRESSURE TEST:

Seal the exhalation valve of the half mask and breathe out firmly. Half mask must not lift off your face. If the exhaled air dissipates through the softbody, tighten the straps or use a different half mask size. Half mask may not fit correctly over a beard or drooping cheeks – danger of poisoning!
Half mask must fit tightly and the respiratory filters must be fitted before entering the contaminated area.

CLEANING, DISINFECTION, DRYING

Cleaning : Cleaning the mask immediately after use helps to prevent premature wear. Clean all parts with a cloth and lukewarm water containing a universal cleaning agent & Rinse thoroughly under running water.

Disinfection: Isopropyl alcohol (IPA) wipes & IPA liquid dabbed on with a lint free cloth are also effective forms of disinfection between patient encounters for an individually issued elastomeric respirator.

Drying: Maximum temperature 70° C.

ASSEMBLY AND TESTING

Visual examination of the inhalation valve disc

Unbutton the inhalation valve disc and examine it. Place the disc of the inhalation valve behind the stub. The disc should rest evenly on the sealing area inside the mask body.

Visual examination of the exhalation valve disc

Remove facepiece from mask body. Hold the valve disc by the edge and draw it out. Examine the valve seat for dirt and damage, and wipe it clean with a disposable tissue if necessary. Press the examined valve disc into the valve seat until it engages. The disc should rest on the valve seat uniformly and completely flat.

ASSEMBLING HALF MASK

Arrange the straps. Fit the facepiece on the mask body. Insert two new respiratory filters. Check correct functioning and absence of leaks after assembly and before use with fitted half mask (as described under "Test for leaks before use").

INSPECTION INTERVALS OF THE HALF MASKS				
OPERATION REQUIRED	BEFORE	AFTER	EVERY 6 MONTHS.	EVERY 2 YEAR EVERY 4 YEAR
CLEANING & DISINFECTING		X		X ¹⁾
EXHALATION VALVE DISC				X
VISUAL AND OPERATING TEST	X		X ²⁾	X
INSPECTION BY WEARER	X			
LEAK TESTS: EXCESS-AND/OR NEGATIVE PRESSURE	X			

X- INSPECT

1) FOR HALF MASKS IN HERMETICALLY SEALED PACKS. OTHERWISE EVERY 6 MONTHS.

2) EVERY 2 YEARS IN THE CASE OF HALF MASKS IN HERMETICALLY SEALED PACKS

USAGE LIFE:

- The duration of filter depends on concentration of contaminant and other factors.
- The presence of odour, taste and irritation indicates that the gas filter no longer works

STORAGE INSTRUCTIONS:

The filter respirator until use shall be stored in the sealed pack to retain its properties. For transport such packs shall be Suitably packed in outer cartons to protect from climatic hazards and mechanical shocks.



SHELF LIFE: 60 months from the date of manufacture (if stored between -5°C & +50°C & Humidity not over 80%) Month & year of manufacture on the inside of face piece marked with **FITTING INSTRUCTIONS TO BE FOLLOWED EACH TIME RESPIRATOR IN USE.**



- POSITION THE FACE PIECE OVER MOUTH AND NOSE
- ATTACHED FILTER PAD TO BOTH CHEMICAL FILTER WITH AID OF RETAINER AS PER REQUIREMENT
- PLACE HEAD STRAPS OVER BACK OF HEAD, WITH THE STRAPS ABOVE YOUR EARS
- FASTEN THE ELASTIC BAND ON BACK OF NECK
- PULL THE ENDS OF THE STRAPS UNTIL THE HALFMASK RESTS TIGHTLY AGAINST YOUR FACE.
- STORE RESPIRATOR IN REUSABLE BAG, IF NOT IN USE