

P100 PARTICULATE FILTER

Before using these filters, the end user must read and understand these User Instructions.

Failure to do so may result in sickness and even death.

1. DESCRIPTION

P100 FILTER (P/N 0601048) - composed of submicronic technical paper.

2. TECHNICAL CHARACTERISTICS/USE:

PROTECTION: P100-Particulate Filter (99.97% filter efficiency level).

The P100 filter is suitable for use in industry.

Effective against all particulate aerosols such as:

Solid particulates: minerals, coal, cotton, flour

Liquid particulates: those from sprays that do not emit vapors

Metal fumes: welding, cutting, brazing as well as Asbestos containing dusts and mists and radio nuclide particulates with concentrations that do not exceed 50 x TLV for full face masks.

3. USE INSTRUCTIONS

Before occupational use of this respirator, a written respiratory protection program must be implemented meeting all the local government requirements. In the United States, employers must comply with OSHA 29 CFR 1910.134 which includes medical evaluation, training and fit testing. In Canada, CSA standard Z94.4-93 requirements must be met.

4. LIMITATIONS

- Not for use in atmospheres immediately dangerous to life or health.
- Do not wear for protection against vapours and gases.
- Do not use for fire-fighting.
- Do not use in atmospheres containing less than 19.5% oxygen.
- Do not use in atmospheres where the type and the concentrations of contaminants are unknown or higher than the applicable regulatory standards (such as OSHA standards in the U.S.) or other applicable government regulations, whichever is lower.
- Do not use in atmospheres containing oxygen enriched air.
- Do not use if the air quality is not breathable.
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TIME USE LIMITATIONS:

- If filters are broken, damaged, dirty or breathing becomes difficult, leave the contaminated area immediately and replace filters.
- If filters are used in environments containing asbestos and radionuclides, dispose of filters after every shift.
- If filters are used in environments containing only oil aerosols, dispose of filters after 40hours of use or 30 days, whichever is first.

5. FITTING AND INSPECTION BEFORE USE

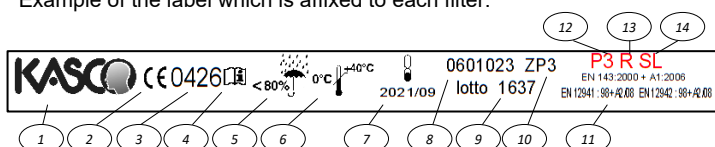
Before using filters make sure that the seal is intact, that it has not expired, that the filter is applicable and suitable for the respirator with which it will be used and for the purpose intended.

Remove covers and/or seals of the filter and screw onto the respirator.

6. MARKING

COLOR CODE: Magenta

Example of the label which is affixed to each filter:



LEGEND

#	DESCRIPTION
1	Manufacturer's name or logo
2	NIOSH logo
3	Id of notified body which controls finished products in accordance to Art.11 of Directive 89/686
4	See Use and Maintenance Instructions
5	Relative humidity range (RH) recommended for the correct storage of the DPI
6	Temperature Range recommended for proper storage of PPE
7	Expiry date
8	Product code
9	Lot number
10	Model name
11	Relevant Harmonized Standards incorporated in the design of the PPE
12	Filter Class
13	Reusable filter, i.e filter intended to be used for more than one work shift (see time use limitations)
14	Protection

7. MAINTENANCE

- The filters cannot be washed, blown out or restored. It is advisable to replace filters in use every 3 months, regardless of the number of hours worked. It is thus advisable to write the date on which the filter was opened on the filter itself.
- The filter must be replaced and properly disposed of when clogged.
- When the filter is clogged, an increase in pressure drop is registered on the filter. This is indicated by a progressive diminishing of the airflow inside the respirator.

8. TRANSPORT

The filter is to be kept in its original packaging during transport.

9. STORAGE

Store filter in its original packaging at a temperature between 0°C and + 40°C and a relative humidity lower than 80%. Different storage conditions than the above suggested could affect expiry date.

10. CAUTION

Return to fresh, clean air immediately if:

- Leakage is detected by smell, taste or, eye nose or throat irritation.
- Inhaled air becomes too hot.
- Any feeling of nausea, dizziness or ill being develops.

11. WARNING

KASCO DECLINES ANY LIABILITY EITHER DIRECT OR INDIRECT AND WILL RETAIN ANY TYPE OF WARRANTY FORFEITED ON THE INSTANT SHOULD FILTERS AND SPARES OTHER THAN GENUINE KASCO FILTERS AND SPARE BE USED ON THEIR RESPIRATORS

PLEASE CONTACT KASCO IF FURTHER INFORMATION ON THE USE OF THESE FILTERS IS REQUIRED.



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THIS FILTER IS APPROVED ONLY IN THE FOLLOWING CONFIGURATION:

RESPIRATOR COMPONENTS				
TC-	Protection ¹	Filter	Facepiece	Caution and Limitation ²
		0601048	1005006	
84A-2024	P100	X	X	ABCJLMNOP

1. PROTECTION

P100-Particulate Filter
(99.97% filter efficiency level)
Effective against all particulate aerosols.

2. CAUTIONS AND LIMITATIONS

- A - Not for use in atmospheres containing less than 19.5 percent oxygen.
- B - Not for use in atmospheres immediately dangerous to life or health.
- C - Do not exceed maximum use concentrations established by regulatory standards.
- J - Failure to properly use and maintain this product could result in injury or death.
- L - Follow the manufacturer's User instructions for changing cartridges, canister and/or filters.
- M - All approved respirators shall be selected, fitted, used and maintained in accordance with MSHA, OSHA, and other applicable regulations.
- N - Never substitute, modify, add, or omit parts. Use only exact replacement parts in the configuration as specified by the manufacturer.
- O - Refer to User Instructions, and/or maintenance manuals for information on use and maintenance of these respirators.
- P - NIOSH does not evaluate respirators for use as surgical masks.