

# TECHNICAL DATASHEET

## P100/HE CARTRIDGE

### DESCRIPTION

Part Number .....052683  
Shelf Life .....10 years (from date of manufacture)  
Diameter .....4.31 inches (110 mm)  
Height .....2.24 inches (57 mm)  
Weight.....0.22 lbs (99 g)  
Connection .....40 mm thread  
Body Material.....Black polyamide  
Breathing Resistance @ 85 lpm..... 10 mmWC



### NIOSH APPROVED FOR PROTECTION AGAINST\*

Particulates	Particulates (P100/HE) <sup>1</sup>	X
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NIOSH only approves complete respirators. Please refer to the approval label that comes with your cartridge for the complete respirator configuration. Approved for APR and PAPR use.

*Note 1 - Particulate filter effective against all particulate aerosols for (APR/PAPR). This filter has an efficiency level of 99.97%.*

### Particle Filter Operation Life

The filter does not wear out but gets clogged with particles and/or moisture. A particle filter must be replaced when breathing resistance has increased. When used against radioactive substances and micro-organisms a particle filter is recommended for single use only.

Air purifying respirators are for use only in environments which are not immediately dangerous to life or health (IDLH) where the oxygen levels are above 19.5%. Do not exceed maximum use concentrations established by regulatory standards. In the absence of a contaminant standard, refer to the NIOSH Respirator Decision Logic publications. Warning: Improper use of these respirators may result in personal injury or death. Improper use includes, but is not limited to, use without adequate training, disregard of the warnings and instructions and failure to inspect and maintain these respirators. These respirators are intended to be used in conjunction with an organized respiratory protection program which complies with the requirements of American National Standard for Respiratory Protection, Z88.2-1992, available from American National Standards Institute Inc., 11 West 42nd Street, New York, NY 10036 or the requirements of OSHA Safety and Health Standard 29 CFR 1910.134 and/or 29 CFR 1910.139 available from the U.S. Department of Labor, Occupational Safety and Health Administration or other pertinent nationally recognized standards, such as those promulgated by the U.S. Coast Guard or the Department of Defense or in Canada, CSA Z94.4.1993. These respirators are not intended for use in atmospheres which are, or may become, immediately dangerous to life or health (IDLH) or in atmospheres where the identity and/or concentration of the contaminant is unknown.

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