

G510

Non-Powered Air-Purifying Half Facepiece Respirator with Chemical Cartridges / Particulate Filters

Makrite G510 Series Non-Powered Air-Purifying Half Facepiece Respirator with MK series chemical cartridge / MF series particulate filter have been approved by the National Institute for Occupational Safety and Health (NIOSH), which can provide respiratory protection against certain airborne contaminants according to the use restrictions of OSHA federal regulations or GB/T 18664-2002 and other applicable regulations when used with certified cartridge or particulate filter. It is in accordance with GB2626-2019 non-powered air-purifying particulate respirator and GB2890-2009 non-powered air-purifying respirator and other related laws and regulations.

The G510 Series Non-Powered Air-Purifying Half Facepiece Respirator is made of silicon, which is less likely to cause skin swelling and itching or other allergic reactions than rubber mask.



The body of this series of half facepiece respirator adopts the design of slide-rail buckle that has obtained a US invention patent. It includes a front cover that can be assembled to or disassembled from the mask body through a linear one-way movement, and the whole set of respiratory equipment is easy to disassemble and clean.

G510 is a kind of air-purifying respirator which adopts the bayonet connection design, only applicable for the working environment that non-powered air-purifying respirators are used.

This series of half facepiece respirator adopts butterfly-shaped exhalation valve design that has obtained a US invention patent. Its performance of exhalation resistance is very well. When using, the breathing is smooth and easy to avoid the chamber becomes too hot and humid.

Product No.	Description	Applicable head size range	Pkg/Case
G510-S	Non-Powered Air-Purifying Half Facepiece Respirator	Width of Face 120.5-144.5(MM); Length of Face 98.5-118.5(MM)	1 unit/box ; 24 boxes/case
G510-M	Non-Powered Air-Purifying Half Facepiece Respirator	Width of Face 132.5-158.5(MM); Length of Face 108.5-138.5(MM)	1 unit/box ; 24 boxes/case
G510-L	Non-Powered Air-Purifying Half Facepiece Respirator	Width of Face 144.5-158.5(MM); Length of Face 118.5-138.5(MM)	1 unit/box ; 24 boxes/case

NIOSH Approval Label



MAKRITE INDUSTRIES INC.
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This respirator is approved only in the following configuration:

TC-	Protection ¹	Alternate Facepiece			Alternate Cartridge		Pancake Filter		Filter Pad	Retainer	Cautions and Limitations ²
		G510-S	G510-M	G510-L	MK9013	MK9017	MF100	MF210	MF002A	MK9000C	
23C-3765	OV	X	X	X	X						ABCHJLMNO
23C-3799	CL/HC/SD	X	X	X		X					ABCHJLMNO
84A-9461	N100	X	X	X			X				ABCHJLMNOP
84A-9518	OV/N95	X	X	X	X				X	X	ABCHJLMNOP
84A-9519	CL/HC/SD/N95	X	X	X		X			X	X	ABCHJLMNOP
84A-9520	P100	X	X	X				X			ABCHJLMNOP

1. Protection

N100 - Particulate Filter (99.97% filter efficiency level) Effective against particulate aerosols free of oil; time use restrictions may apply.	N95 - Particulate Filter (95% filter efficiency level) Effective against particulate aerosols free of oil; time use restrictions may apply.	P100 - Particulate Filter (99.97% filter efficiency level) Effective against all particulate aerosols.
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OV-Organic Vapor
CL - Chlorine
HC - Hydrogen Chloride
SD - Sulfur Dioxide

2. Cautions and Limitations

- A - Not for use in atmospheres containing less than 19.5% oxygen.
- B - not for use in atmospheres immediately dangerous to life or health (IDLH).
- C - Do not exceed maximum use concentrations established by regulatory standards.
- H - Follow established cartridge and canister change schedules or observe ESLI to ensure that cartridges and canisters are replaced before breakthrough occurs.
- J - Failure to properly use and maintain this product could result in injury or death.
- L - Follow the manufacturer 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.

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NIOSH Approved Chemical Cartridges / Particulate Filters



MK9013



MK9017



MF002A



MF100



MF210



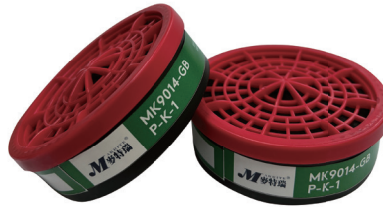
MK9000C

Cartridge/Filter	Description	Pkg/Case	Approval No.
MK9013	OV Chemical Cartridge	2 unit/bag ; 6 bags/box ; 8 boxes/case	TC-23C-3765
MK9017	CL/HC/SD Chemical Cartridge	2 unit/bag ; 6 bags/box ; 8 boxes/case	TC-23C-3799
MK9013+MF002A	OV Cartridge+N95 Filter Pad	N95 Filter Pad: 2 unit/bag ; 50 bags/box ; 8 boxes/case	TC-84A-9518
MK9017+MF002A	CL/HC/SD Cartridge+N95 Filter Pad	N95 Filter Pad: 2 unit/bag ; 50 bags/box ; 8 boxes/case	TC-84A-9519
MF100	N100 Particulate Filter	2 unit/bag ; 10 bags/box ; 12 boxes/case	TC-84A-9461
MF210	P100 Particulate Filter	2 unit/bag ; 10 bags/box ; 12 boxes/case	TC-84A-9520
MK9000C	Filter Retainer	1 unit/bag ; 20 bags/box ; 12 boxes/case	TC-84A-9518/ TC-84A-9519

GB Standards Compliant Chemical Cartridges / Particulate Filters



MK9013-GB



MK9014-GB



MK9017-GB



MF020



MF030



MF022A



MK9000C

Product No.	Description	Pkg/Case
MK9013-GB	P-A-1 Chemical Cartridge	2 unit/bag ; 6 bags/box ; 8 boxes/case
MK9014-GB	P-K-1 Chemical Cartridge	2 unit/bag ; 6 bags/box ; 8 boxes/case
MK9017-GB	P-E-1 Chemical Cartridge	2 unit/bag ; 6 bags/box ; 8 boxes/case
MF020	KN100 Particulate Filter	2 unit/bag ; 10 bags/box ; 12 boxes/case
MF030	KP100 Particulate Filter	2 unit/bag ; 10 bags/box ; 12 boxes/case
MF022A	KN95 Particulate Filter Pad	2 unit/bag ; 50 bags/box ; 12 boxes/case
MK9000C	Filter Retainer	1 unit/bag ; 20 bags/box ; 12 boxes/case

China LA Certification



中国安全生产科学研究院监制



Supervised by China Academy of Safety Science and Technology

Makrite G510 Series Non-Powered Air-Purifying Half Facepiece Respirator KN95-KN100-KP100 grade have obtained China LA certification.

Makrite G510 Series Non-Powered Air-Purifying Half Facepiece Respirator with MK9013-GB P-A-1 chemical cartridge/MK9014-GB P-K-1 chemical cartridge/MK9017-GB P-E-1 chemical cartridge have been tested to meet the Chinese national standard GB2890-2009.

Makrite G510 Series Non-Powered Air-Purifying Half Facepiece Respirator with MF020 KN100 particulate filter/MF030 KP100 particulate filter/MF022A KN95 filter pad have been tested to meet the Chinese national standard GB2626-2019.

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