Advantage® Respirator Cartridges

MSA Cartridge Designation	Part No.	Color Coding	Acid Gases: OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	See Notes Below
			Organic Vapor	Chlorine	Sulfur Dioxide	Chlorine Dioxide	Hydrogen Chloride	Hydrogen Sulfide*	Ammonia	Methylamine	Formaldehyde	Hydrogen Fluoride	Mercury Vapor	Filter Type & Efficiency***			
GMA (OV)	815355 (2 in pkg.)		●												with R95	with	2,3
GMA P100	815362 (2 in pkg.)		●											●			2,3,4
GMB (AG)	815356 (2 in pkg.)			●	●	●	●	●							with R95	with	2
GMB P100	815363 (2 in pkg.)			●	●	●	●	●						●			2,4
GMC (OV/AG)	815357 (2 in pkg.)		●	●	●	●	●	●							with R95	with	2,3
GMC P100	815364 (2 in pkg.)		●	●	●	●	●	●						●			2,3,4
GMD (AM/MA)	815358 (2 in pkg.)								●	●					with R95	with	2,3
GMD P100	815365 (2 in pkg.)								●	●				●			2,3,4
GME (Multigas)	815359 (2 in pkg.)		●	●	●	●	●	●	●	●	●	●			with R95	with	2,3
GME P100	815366 (2 in pkg.)		●	●	●	●	●	●	●	●	●	●		●			2,3,4
GMI P100 **	815641 (2 in pkg.)		●											●			2,4
Mersorb®	815361 (2 in pkg.)			●									●		with R95	with	2,4
Mersorb P100	815368 (2 in pkg.)			●									●	●			2,4
Low-Profile P100	815369 (2 in pkg.)													●			1,4
Stand-alone Flexi-Filter N95	818346 (2 in pkg.)															●	1
Prefilter & cover N95	815394 N95 (10 in pkg.) 816357 N95 (50 in pkg.) 815392 Reusable snap-on cover (2 in pkg.; 2 req.)															●	1
Prefilter & cover R95	815397 R95 (20 in pkg.) 815401 R95 Reusable snap-on cover (1 in pkg.; 2 req.)														●		1

N95, covers, and adapters required for Advantage Respirators.

*Escape only. ** Effective against, but not NIOSH-approved for Iodine Vapor.

⚠ WARNING

An appropriate cartridge change-out schedule must be developed by a qualified professional, unless the cartridge/canister utilizes an end-of-service-life indicator. The change-out schedule must take into account all factors that may influence respiratory protection including specific work practices and other conditions unique to the workers' environment. If using against substances having poor warning properties, there is no secondary means of knowing when to replace the cartridges/canister. In such cases, take appropriate additional precautions to prevent overexposure, which may include a more conservative change-out schedule or using an air-supplied respirator or SCBA. Failure to follow this warning can result in serious personal injury or death. As a reference, below is a partial list of substances having poor warning properties:

- Acrolein
- Aniline
- Arsine
- Bromine
- Carbon Monoxide
- Diisocyanates
- Dimethyl Sulfate
- Hydrogen Cyanide
- Hydrogen Selenide
- Methanol
- Methyl Bromide
- Methyl Chloride
- Methylene Chloride
- Nickel Carbonyl
- Nitric Acid
- Nitro Compounds:
  - Nitrogen Oxides
  - Nitroglycerin
  - Nitromethane
- Phosgene
- Phosphine
- Phosphorus Trichloride
- Stibine
- Sulfur Chloride
- Urethane or other Diisocyanate-containing paints
- Vinyl Chloride

*** Definitions

N95-Particulate Filter (95% filter efficiency level) effective against particulate aerosols ***free of oil***; time use restrictions may apply.

R95-Particulate Filter (95% filter efficiency level) effective against ***all*** particulate aerosols; time use restrictions may apply.

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

Notes

1. Do not use in atmospheres containing less than 19.5 percent oxygen, in atmospheres containing gases or vapors or in atmospheres immediately dangerous to life and health.
2. Do not use in atmospheres containing less than 19.5 percent oxygen, or in atmospheres immediately dangerous to life and health.
3. Do not wear for protection against organic vapors with poor warning properties or those which generate high heats of reaction with the sorbent material in the cartridge.
4. 99.97 percent efficient against 0.3 micron DOP.