

Comfo® Respirator Cartridges

The Comfo line of particulate, chemical and combination cartridges is NIOSH-approved (to 42 CFR, Part 84). Cartridges fit Comfo Classic, Comfo Elite, Ultra-Twin, Ultra Elite Twin-Cartridge and Duo-Twin Respirators.

MSA Cartridge Description	Re-Order Part Number	Color Coding	Acid Gases											Filter Type & Efficiency See Definitions below			See Notes below			
			Organic Vapor	Chlorine	Sulfur Dioxide	Chlorine Dioxide	Hydrogen Chloride	Hydrogen Sulfide*	Ammonia	Methylamine	Formaldehyde	Hydrogen Fluoride	Mercury Vapor	P100	R95	N95				
GMA (OV)	464031 (10 in pkg.)																			2,3
GMA P100	815178 (6 in pkg.)																			2,3,4
GMA P100 Short Stack	815186 (6 in box)																			2,3,4
GMB (AG)	464032 (10 in box)																			2
GMB P100	815179 (6 in box)																			2,4
GMC (OV/AG)	464046 (10 in pkg.)																			2,3
GMC P100	815180 (6 in box)																			2,3,4
GMC P100 Short Stack	815188 (6 in box)																			2,3,4
GMD	464033 (10 in box)																			2,3
GMD P100	815181 (6 in box)																			2,3,4
GME (Multigas)	492790 (10 in box)																			2,3
GME P100	815182 (6 in box)																			2,3,4
GMI P100	815184 (6 in box)																		2,4	
Mersorb®	466204 (10 in box)																		2,4	
Mersorb P100	815185 (6 in box)																		2,4	
P100	815175 (10 in box)																		1,4	
Sparkfoe® P100	815176 (10 in box)																		1,4	
Low-Profile P100	815177 (10 in box)																		1,4	
Stand-alone and cover N95 and covers required for Comfo Respirators	816662 N95 (10 in pkg.) 816661 N95 (50 in box) 489353 Reusable snap-on cover (1 in pkg.; 2 req.)																			1
Prefilter and Cover N95	816662 N95 (10 in pkg.) 816661 N95 (50 in pkg.) 489353 Reusable snap-on cover (1 in pkg.; 2 req.)																			1
Prefilter and Cover R95	816287 R95 (20 in box) 489219 R95 Reusable snap-on cover (1 in pkg.; 2 req.)																			1

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

- 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.
- Do not use in atmospheres containing less than 19.5 percent oxygen, or in atmospheres immediately dangerous to life and health.
- 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.
- 99.97 percent efficient against 0.3 micron DOP.

* 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 worker's 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	Hydrogen cyanide	Nitric acid	Phosphorus trichloride
Aniline	Hydrogen selenide	Nitro compounds	Stibine
Arsine	Methanol	Nitrogen oxides	Sulfur chloride
Bromine	Methyl bromide	Nitroglycerin	Urethane or other diisocyanate-containing paints
Carbon monoxide	Methyl chloride	Nitromethane	
Diisocyanates	Methylene chloride	Phosgene	Vinyl chloride
Dimethyl sulfate	Nickel carbonyl	Phosphine	