



# Advantage<sup>®</sup> Twin Cartridge Respirators



Advantage 200 LS Respirator



Advantage 420 Respirator



Advantage 900 Respirator



Advantage 4200 Respirator



Advantage 3200 Respirator



G1 Facepiece  
with Twin Port Adapter

**WE KNOW WHAT'S AT STAKE.**

## Advantage® 200 LS Respirators

Advantage 200 LS Respirators offer economy, unmatched fit, and comfort with a soft blue facepiece. The respirator is approved by the National Institute for Occupational Safety and Health (NIOSH) for use against a variety of respiratory hazards.

- Thermoplastic rubber subtracts a quarter of the weight and adds softness.
- Patented **MultiFlex® System** equalizes face seal area pressure while delivering exceptional stability.



	Small	Medium	Large	
Advantage 200 LS Respirator	815696	815692	815700	Advantage 900 Respirator, with <b>2-piece</b> neckstrap
	815448	815444	815452	Advantage 200 LS Respirator, with <b>single</b> neckstrap

## Advantage® 420 Half-Mask Respirators

The Advantage 420 Half-Mask Respirator incorporates maximum comfort, improved donning and fit, enhanced safety, and reduced maintenance cost. **AnthroCurve II Sealing Surface** improves fit testing among diverse workforces. Textured silicone facepiece helps to eliminate possible leak paths. One-piece **Cradle Headband** eliminates pressure points when head protection is worn.

- Drop-down harness position allows respirator removal while retaining head protection
- Latex-free; reduces risk of adverse individual reaction
- Only three major components reduce inventory, parts cost, and maintenance time



	Small	Medium	Large	
Advantage 420 Respirator	10102182	10102183	10102184	Advantage 420 Assembly (includes facepiece, head cradle, elastic straps, buckle set, yoke with lever, two (2) inhalation valves, one (1) exhalation valve)

## Advantage® 900 Half-Mask Respirator

- Innovative and secure respiratory solution for essential workers, first responders, and healthcare workers.
- With the elimination of an exhalation valve, the Advantage 900 Respirator achieves source control by filtering exhaled breath to help reduce the likelihood of contaminating the surrounding area.
- Cost-effective and eco-friendly alternative to disposable filtering facepiece respirators.
- Enables user protection up to P100 level.
- Mechanical speaking diaphragm helps to improve communication between the wearer and others.



	Small	Medium	Large	
Advantage 900 Respirator	10218527	10218528	10218529	Advantage 900 Respirator

## Advantage® Accessories

Part No.	Description
Advantage Accessories	
10056424	Advantage Quantitative Fit Test Adapter
809999	Advantage Adapter for threaded cartridges, package of 2
697287	Sacchrine Qualitative Fit Test Kit
697444	Bitrex Qualitative Fit Test Kit
10009971	Confidence Plus® 2 Germicidal Cleaner (US)
10032737	Confidence Plus® 2 Germicidal Cleaner (Canada)
697383	Box of 100 individually wrapped towelettes (7-1/4" x 5")
697382	Canister with 220 towelettes (4-1/4" x 6")
10022871	"The Big Ones", box of 50 individually wrapped towelettes (8" x 11")

Part No.	Description
Advantage Full Facepiece Accessories	
10029298	Spectacle Kit for Advantage Respirators
10031542	Cover Lens, clear, box of 25
10031543	Cover Lens, smoke-tinted, box of 25
10077063	Clip-On Welders Adapter for Advantage 4200 Twin-Port Facepiece
10065326	Clip-On Welders Adapter for Advantage 4100 Single-Port Facepiece
D2056734	Black plastic carrying/storage case

## Advantage® 3200 Twin-Port Respirators

Advantage 3200 Twin-Port Respirators are designed for comfort and versatility; users can position upper straps for consistent fit and minimal adjustment. Pre-set upper straps prevent snags during donning and doffing, providing a tighter, more secure seal. All components can be replaced without special tools in seconds.

- Choice of three sizes accommodates a wide range of users.
- Wraparound scratch-resistant polycarbonate facepiece lens provides wide distortion-free field of vision
- Lens meets all ANSI Z87.1+ requirements including high-impact performance requirements



	Small	Medium	Large	
Advantage 3200 Facepieces	10028996	10028995	10028997	Advantage 3200 Facepiece, with <b>rubber</b> head harness
	10031340	10031309	10031341	Advantage 3200 Facepiece, with <b>European-style</b> harness

## Advantage® 4200 Twin-Port Respirators

The Advantage 4200 Twin-Port Facepiece is a dedicated twin-cartridge respirator.

- Facepieces are available in silicone and Hycar Rubber
- Choice of rubber or net harnesses and three standard sizes for perfect fit
- Nosecup is standard for reduced fogging in low-temperature or high-moisture environments



	Small	Medium	Large	
Advantage 4200 Facepieces	10083785	10083781	10083789	Advantage 4200 Facepiece, with <b>polyester net</b> head harness, hycar
	10083787	10083783	10083791	Advantage 4200 Facepiece, with <b>rubber head</b> harness, hycar
	10108570	10108568	10108572	Advantage 4200 Facepiece, with <b>Kevlar net</b> head harness, hycar
	10083784	10083760	10083788	Advantage 4200 Facepiece, with <b>polyester net</b> head harness, silicone
	10083786	10083782	10083790	Advantage 4200 Facepiece, with <b>rubber head</b> harness, silicone
	10108569	10108567	10108571	Advantage 4200 Facepiece, with <b>Kevlar net</b> head harness, silicone

## G1 Facepieces with Twin-Port Cartridge Adapter

The G1 Facepiece is available in choices of rubber, poly or Kevlar head harness. The G1 Facepiece can be used to support a full respiratory program including Air-Line, SCBA, APR and PAPR. Advantage style cartridges require the use of adapter P\N 10199720.



G1 Twin Cartridge APR Adapter.



	Small	Medium	Large	Description
G1 Facepieces	10188954	10188955	10188956	G1 Facepiece with <b>4-pt. polyester</b> head harness
	10156461	10156462	10156463	G1 Facepiece with <b>rubber</b> head harness
	10156458	10156459	10156460	G1 Facepiece with <b>4-pt. Kevlar</b> head harness
	10161812	10161813	10161814	G1 Facepiece with <b>5-pt. Kevlar</b> head harness
APR Adapter	10199720			APR Adapter, twin cartridge for G1 facepiece

See G1 Facepiece Assemble to Order (ATO) matrix for additional options.

## Advantage® Respirator Cartridges

The Advantage line of particulate, chemical and combination cartridges is NIOSH-certified to 42 CFR, Part 84 and provides lightweight, low-profile performance. Cartridges fit 200 LS and 420 Half-Mask, G1, 3000 and 4000 Series Full-Facepiece Advantage Respirators.

Advantage® Respirator Cartridges			Acid Gases											Filter Type & Efficiency		See Notes below
MSA Cartridge Description	Re-Order Part Number	Color Coding	Organic Vapor	Chlorine	Sulfur Dioxide	Chlorine Dioxide	Hydrogen Chloride	Hydrogen Sulfide	Ammonia	Methylamine	Formaldehyde	Hydrogen Fluoride	Mercury Vapor	P100	N95	
Organic Vapor (GMA)	815355															2,3
Organic Vapor w/N95 Prefilter (GMA)	815355 w/815394 or 816357															2,3,5
Organic Vapor/P100 (GMA)	815362															2,3,4
Acid Gas (GMB)	815356															2
Acid Gas w/N95 Prefilter (GMB)	815356 w/815394 or 816357															2,5
Acid Gas/P100 (GMB)	815363															2,4
Organic Vapor/Acid Gas (GMC)	815357															2,3
Organic Vapor/Acid Gas w/N95 Prefilter (GMC)	815357 w/815394 or 816357															2,3,5
Organic Vapor/Acid Gas/P100 (GMC)	815364															2,3,4
Ammonia/Methylamine (GMD)	815358															2,3
Ammonia/Methylamine w/N95 Prefilter (GMD)	815358 w/815394 or 816357															2,3,5
Ammonia/Methylamine/P100 (GMD)	815365															2,3,4
Multigas (GME)	815359															2,3
Multigas w/N95 Prefilter (GME)	815359 w/815394 or 816357															2,3,5
Multigas/P100 (GME)	815366															2,3,4
Iodine Vapor/P100 (GMI)*	815641															2,4
Chlorine/Mercury Vapor (Mersorb)	815361															2
Chlorine/Mercury Vapor w/N95 Prefilter (Mersorb)	815361 w/815394 or 816357															2,5
Chlorine/Mercury Vapor/P100 (Mersorb)	815368															2,4
Low-Profile P100	815369 Pack of 2 10123079 Pack of 100															1,4
P100 with Splash Guard	10146939 Pack of 2															1,4
N95 Snap-On Prefilter and Cover	815394 Pack of 10 816357 Box of 50 815392 Reusable Snap-On Cover, 2 in a pkg															

### 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	

## Flexi-Filter® Pads for Advantage Respirators

These low-profile, flexible pads fit well under a welding hood and with other personal protective equipment.

MSA Filter Description	Part Number	Color Coding	Filter Type & Efficiency (See Definitions above.)			Notes
			P100	P95	N95	
Flexi-Filter/P100	818342					1,4
Flexi-Filter/P100 w/Nuisance Level OV, Ozone Removal	818343					1,4
Flexi-Filter/P100 w/Nuisance Level AG, HF Removal	818344					1,4
Flexi-Filter/N95	818346					1
Flexi-Filter/N95 w/Nuisance Level OV Removal	818347					1
Flexi-Filter/P95	818354					1
Flexi-Filter/P95 w/Nuisance Level OV Removal	818355					1

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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