



MSA Mold Remediation Products



Half-Mask Respirators

Advantage® 200 LS Respirators

The Advantage 200 LS Respirator facepiece is made from a clear blue formulation of the thermoplastic rubber used in the Advantage 200 Respirator. It is noticeably the softest and lightest facepiece available.

Extensive anthropometric research led to the Advantage Respirator's unique design. MSA's engineers examined facial form data of over 8,000 people and, with CAD technology, developed the AnthroCurve™ Sealing Surface, which instantly conforms to each wearer's unique facial characteristics.

Advantage 200 LS Facepieces

Ordering Information

Description	2-Piece Neckstrap
Advantage 200 LS, small	815696
Advantage 200 LS, medium	815692
Advantage 200 LS, large	815700

Description	Part Number
P100 Cartridge, 1 pair	815369
P100 FlexiFilter with nuisance level OV removal, 1 pair	818343
GME-P100 Combination Cartridge, 1 pair	815452

The unmatched fit and comfort start with a soft, pliable combination of rubber and plastic that provide a virtually customized fit. These are key components in the patented MultiFlex® System that equalizes pressure on the face-seal area, while delivering exceptional stability, so the respirator will not collapse during wear.

Advantage 200 LS Respirators, Cartridges & Filters



Left to right: P100 Cartridge, P100 FlexiFilter with Nuisance Level OV Protection, GME-P100 Combination Cartridge, Advantage 200LS Respirator

Full-Face Respirators

Advantage® 3000 Respirators

The Advantage 3000 Full-Face Respirator incorporates MSA's global engineering expertise and is designed to meet NIOSH and EN standards.

For the utmost in convenience, the Advantage 3000 Respirator uses the same cartridges and filters as the Advantage 200LS Respirator.

The Advantage 3000 Respirator with its soft, pliable silicone facepiece, enhances worker performance through a new design that allows even lower breathing resistance and includes a standard noseclip that reduces fogging in low temperatures or high humidity conditions.

In addition, the wraparound polycarbonate facepiece lens has a scratch resistant coating and has been engineered to be optically correct, giving you superior visibility and peripheral vision. In short, the lens, which exceeds the performance requirements of ANSI Z87.1, eliminates distortion.

Donning the mask is made easier with MSA's new pre-adjustable straps. With the Advantage 3000 Respirator, you'll have the ability to set the position of the upper straps to receive a consistent fit, time after time. In addition, the preset upper straps prevent uncomfortable snags during donning and doffing, and also provide a tighter, more secure seal. Wearers also can choose the new European-style Advantage harness, which dons like a catcher's mask.

Cartridges and Filters

P100 or HE Filter is a high-efficiency filter (99.97% efficient against 0.3 micron particulates). This type of filter exceeds the EPA's recommended minimum filter efficiency (95%) to minimize exposure to mold spores.

P100 FlexiFilter with Nuisance Level OV Removal is a high-efficiency filter (99.97% efficient against 0.3 micron particulates). This filter also has the ability to remove Organic Vapors that fall below the Permissible Exposure Limit. This type of filter exceeds the EPA's recommended minimum filter efficiency (95%) to minimize exposure to mold spores.

GME-P100 is a combination cartridge with NIOSH approvals for use against Organic Vapors, Acid Gases, Ammonia and Methylamines, Formaldehyde, Hydrogen Fluoride and P100 (99.97% efficient against 0.3 micron particulates). This Cartridge is effective against chemicals found in most cleaning agents. This type of filter exceeds the EPA's recommended minimum filter efficiency (95%) to minimize exposure to mold spores.

Advantage 3000 Respirator

Ordering Information

Advantage 3000 Facepieces

Description	Small	Medium	Large
Advantage 3200 Twin Port Respirator, w/rubber harness	10028996	10028995	10028997
Advantage 3200 Twin Port Respirator, w/Advantage harness	10031340	10031309	10031341

Description	Part Number
P100 Cartridge, 1 pair	815369
P100 FlexiFilter with nuisance level OV removal, 1 pair	818343
GME-P100 Combination Cartridge, 1 pair	815452

Advantage 3000 Respirators, Cartridges & Filters



Left to right: P100 Cartridge, P100 FlexiFilter with Nuisance Level OV Protection, GME-P100 Combination Cartridge, Advantage 3000 Twin-Cartridge Respirator

Powered Air-Purifying Respirators

OptimAir® 6A PAPR with OptiFilter® Cartridges



The OptimAir 6A Powered Air-Purifying Respirator (PAPR) provides respiratory protection by filtering contaminants from ambient air and providing a constant flow to a facepiece. It can be used with a family of filters and chemical cartridges for protection against particulates, toxic gases and vapors, or a combination of these hazards.

The OptimAir 6A includes a motor/blower module and rechargeable NiCad battery and is designed to operate for a full shift. It uses only two filters.

Applications include mold remediation, hazardous materials cleanup, asbestos and lead paint abatement, chemical processing, foundry, smelter and coke oven applications, and nuclear facilities work.

Ordering Information

OptimAir 6A PAPR with Ultravue Facepiece

Assembly includes motor/blower module, NiCad Battery, facepiece, breathing tube, belt, and battery charger.

Facepiece	Size	Part No.
Black Hycar Ultravue	Medium	494236

OptiFilter® Cartridges for OptimAir 6A PAPR

MSA Purifying Element	Purifying Protection Code	Color Coding	No. in Box	Part No.
OptiFilter XL, Type HE	HE	■	20	10042346
OptiFilter XL, Type HE	HE	■	6	496081
OptiFilter GMC-H	OV/AG/HE	■	6	494217

OptimAir® MM 2K PAPR with Type HE OptiFilter® XL Filter

The OptimAir MM 2K Powered Air-Purifying Respirator (PAPR) is designed for mold remediation and abatement. The PAPR filters particulates from ambient air and provides a constant flow of respirable air to the Advantage 3000, Ultravue or Ultra Elite Facepiece. The mask-mounted motor/blower with HEPA filter has a low profile design that enhances user maneuverability and simplifies decontamination.

The PAPR includes a small, lightweight, water-resistant nickel metal hydride (NiMH) battery pack that will operate for eight hours of continuous use. Weighing only 12.5 oz., the battery pack measures only 3"x 5"x 1". The low-profile unit fits close to the wearer's body. The sealed battery pack is water-resistant for easy shower decontamination. Another advantage: NiMH batteries do not have the "memory effect" associated with NiCad batteries. The standard Dual-Rate Battery Charger will recharge a fully discharged battery in less than three hours.

Ordering Information

Complete OptimAir MM 2K PAPR Assemblies

All assemblies include: motor/blower, NiMH battery, dual-rate battery charger, cable, one Type HE OptiFilter XL Cartridge, belt, and Advantage 3000.

	Advantage 3000 PAPR		
	Small	Medium	Large
with Rubber Harness	10034152	10034150	10034151
with Advantage Harness	10034155	10034153	10034154

OptiFilter® Cartridges for OptimAir MM 2K PAPR

MSA Purifying Element	Purifying Protection Code	Color Coding	No. in Box	Part No.
OptiFilter XL, Type HE	HE	■	20	10042346
OptiFilter XL, Type HE	HE	■	6	496081

MM2K PAPR Components & Filters



Left to right: OptiFilter XL Cartridge, Belt, Motor/Blower Assembly, Power Cable, NiMH Battery, Charger, Advantage 3000 Single-Port Respirator

Head Protection



V-Gard® Protective Caps and Hats

V-Gard Protective Caps and Hats from MSA consist of a polyethylene shell and suspension system working together as a protection system. V-Gard headwear features advanced styling in either cap or hat styles, with the cap available in three sizes: small (6–7B1), standard (6V–8) and large (7–8V).

V-Gard Caps and Hats meet or exceed the applicable requirements for a Type I helmet (top impact) as outlined in ANSI Z89.1 2003, Class E and G.

V-Gard Caps and Hats are not specifically designed to protect against lateral blows from the front, side, or rear. MSA's Vanguard™ Protective Helmets are so designed and must be used if lateral protection is desired. For more information, contact your MSA distributor.

Description	Part Number
Standard V-Gard Slotted Cap with 1-Touch® Suspension, White	10057441
Standard V-Gard Slotted Cap with 1-Touch® Suspension, Yellow	10057443
Standard V-Gard Slotted Cap with 1-Touch® Suspension, White	10058321
Standard V-Gard Slotted Hat with 1-Touch® Suspension, Yellow Hat	10058318

Defender™+ Foldback Faceshield Frames (Plastic and Metal)

Foldback Faceshield Frames come in plastic (dielectric) and metal. Both plastic and metal frames come in cap and hat models.

Description	Part Number
Plastic Defender Faceshield Frame for medium V-Gard Caps	10021614
Ear Muff Accessory for Defender Frame	
Sound Blocker 26 (NRR26) (includes clips)	10026398
Metal foldback cap frame	488160



Visors

Polycarbonate	Part Number
Clear (Flat), 8 x 15½ x .040	10017934
Propionate	Part Number
Clear (Flat), 8 x 15½ x .060	10005883



Sound Control

XLS Cap Model (NRR – 23dB)

Designed to fit comfortably under safety hardhats and faceshields, it features easy-to-remove ear cushions for quick cleaning and replacement. The XLS Muff offers aggressive protection in low-moderate noise environments.

XLS—for slotted caps	10061535
Hygiene Kit, complete with cushions and inserts	10061537



Disposable Ear Plugs FormFit™ Disposable Foam Ear Plugs

Easy to use and affordable, FormFit ear plugs offer aggressive noise reduction while being very comfortable to wear. Available in corded and uncorded versions, in dispenser boxes of 200 pair.

Conical-Shaped Ear Plugs (NRR – 31dB)

FormFit Disposable Molded Urethane Foam Ear Plugs (non-corded) Dispenser Box (suitable for wall hanging) of 200 individually packaged pairs 10051348
FormFit Disposable Molded Urethane Foam Ear Plugs (corded) Dispenser Box of 200 individually packaged pairs 10051347



Protective Eyewear



- Arctic™ Elite
- Soft tip temples
- Padded nose bridge
- Lightweight

Arctic Elite, light gold indoor/outdoor lens 10059/671



- Sierra™ Eyewear
- Full eye protection
- Integrated side shields
- Vented brow guard
- Tuff-Stuff™ scratch-resistant lens coating

Gray lens* 10010570
Clear lens 10012842



- Arctic™
- Built-in side impact
- Tuff-Stuff™ anti-scratch lens coating
- Available with clear protection or gray-tinted lens/frame

Arctic, clear lens 697514
Arctic, gray lens 697515



Clearvue 200 Goggles are designed for use in all types of industrial and commercial settings, ranging from workshops to laboratories. They protect the eyes from small flying objects, chemical splash and/or glare.

Clearvue 200, clear, indirect vent anti-fog 696776

*Meets CSA Z94.3

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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