

MSA Advantage[®] 900 Half-Mask Respirator



User Protection & Source Control— with all the Benefits of Elastomeric Respirators

The MSA Advantage 900 Half-Mask Respirator provides an 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. Compared to disposable filtering facepiece respirators (such as FFP2 or FFP3 masks) it offers a cost-effective and eco-friendly alternative. It also enables user protection up to P2 level, and the addition of a mechanical speaking diaphragm helps to improve communication between the wearer and others.

The Advantage 900 Respirator is a suitable respiratory protection solution for essential workers, including those in:



Healthcare



Fire Service,
First Responder, & EMS



Food Processing

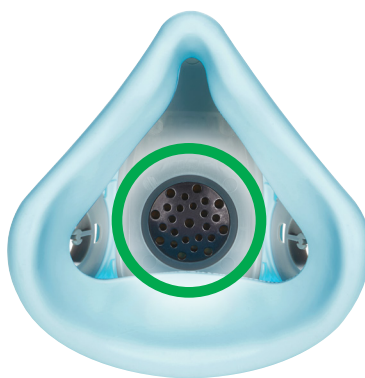


Other Essential Industries



User Protection & Source Control

Up to P2 level user protection available. The elimination of the exhalation valve provides filtration of exhaled breath.



Clear Communication

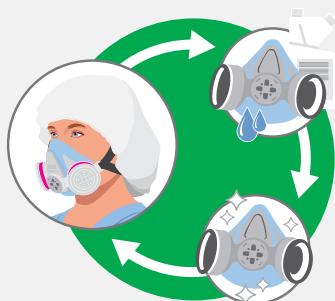
Mechanical speaking diaphragm helps clarify and amplify speech.



Comfortable Wear

Rear clasp and drop-down head harness keeps straps away from users face.

WE KNOW WHAT'S AT STAKE.



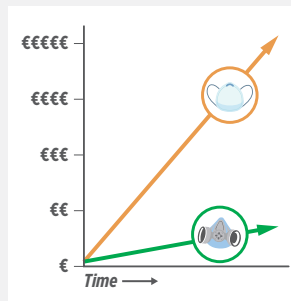
Sustainable

Designed to be repeatedly cleaned, disinfected, and placed back into service, helping to eliminate unnecessary waste.



Extended Storage Life

Respirators can be stored indefinitely for stockpile purposes. Respirator filters have proven storage time of 10 years.



Cost-Effective

A comparative cost analysis found reusable elastomeric respirators to be less costly to stockpile than disposable masks (such as FFP2 or FFP3)*



Easy Cleaning & Maintenance

With only three key components, cleaning and sanitizing masks is simplified. A reusable mask reduces waste compared to filtering facepiece respirators.

Ordering Information

Advantage 900 Half-Mask Respirators**	
10222865	Advantage Respirator, Small
10222866	Advantage Respirator, Medium
10222867	Advantage Respirator, Large

Advantage P2 Filter	
10222869	Particle Filter

Note: P2 Filter - 1 pair of 2 pcs.

* Elastomeric respirators are safer and more sustainable alternative to disposable FFP2/N95 masks during the coronavirus outbreak, Chiang et al. International Journal of Emergency Medicine (2020) <https://doi.org/10.1186/s12245-020-00296-8>

* User acceptance of reusable respirators in health care, Hines, et al., Am. J. Infect. Control, June 2019, available at <https://pubmed.ncbi.nlm.nih.gov/30638674/> (with over 1,100 healthcare workers surveyed).

** Please note: the Advantage 900 is approved for use with Advantage P2 filter cartridges only. It is not approved for use with chemical (ABEK) or combined cartridges (ABEK-P3).

Accessory



Advantage Half mask belt pouch (P/N 10016038)

Cleaning and Disinfection

Please refer to "Operation Manual" for details. [Click here](#) to download.

Certification

Advantage 900 Mask is certified to EN 1827:1999+A1:2009 (Type - Half mask without inhalation valve with separable particle filters). Advantage P2 filters are also certified according to EN 143:2021.

Service Time

In the European Standard EN 1827:1999+A1:2009, particles filters are intended for a single shift use only. The maximum service time depends on the conditions of use. Increased breathing resistance indicates the end of the service time. The filters must then be replaced at the latest. Always exchange both particle filters.

Testing according to EN 143:2021, which includes the reusability of particle filters, and additional field tests have given evidence that if used in environments with low particle concentration, e.g., medical applications, the Advantage P2 particle filters can be used for more than one shift. This requires that the filters are clean and undamaged, and that there is no indication of increased breathing resistance. Advantage P2 particle filters shall be exchanged after one year after first use, at the latest.

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.

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