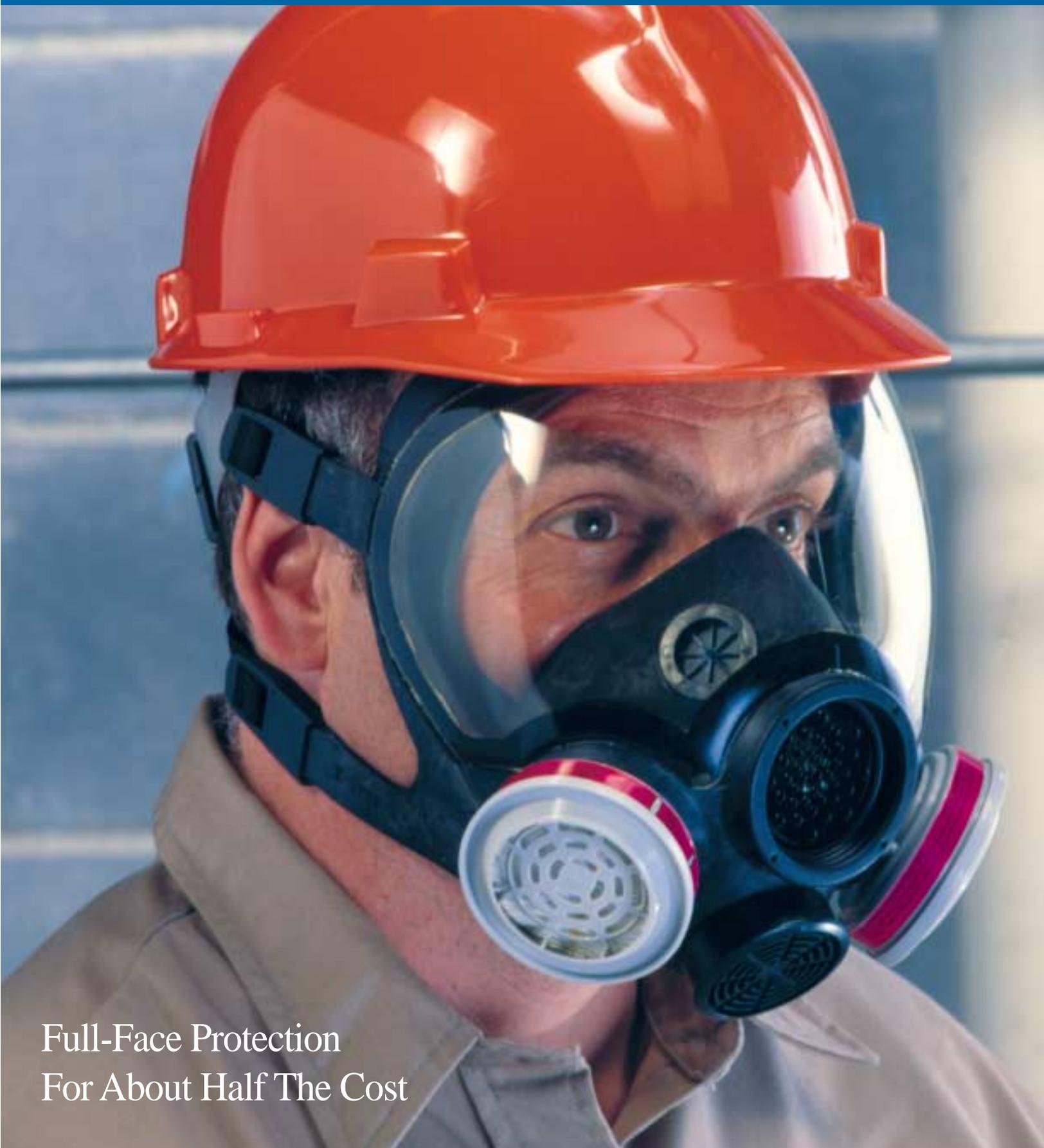


# The Advantage<sup>®</sup> 1000 Low-Maintenance Respirator



Full-Face Protection  
For About Half The Cost

# Introducing The First Full-Face Respirator That Fits Your Budget As Well As Your Face

As a safety professional, you know your mission. Survey the workplace, analyze hazards, and see to it that employees have the best personal protection possible. But often, your purchasing department has an additional focus: WATCH THE BOTTOM LINE!

Now, both of these objectives can be satisfied with MSA's newest full-face respirator.

Introducing the Advantage 1000 Respirator from MSA — the first **low-maintenance, full-face respirator** that will please your respirator users as well as it pleases your purchasing department.

The Advantage 1000 Respirator is the first respirator to bridge the cost gap between low-maintenance, half-mask respirators and conventional, full-facepiece models. And, if you're looking to reduce your overall respirator



*With MSA, you now have a complete choice in low-maintenance, air-purifying respiratory protection: Full-face protection with the Advantage 1000 Respirator or half-mask protection with its counterpart, the low-maintenance Advantage 200 Respirator.*

maintenance costs, it does so in brilliant fashion. A clean, simplified design means fewer replacement parts. Plus, with the Advantage 1000 Respirator, you can interchange its complete line of Advantage Series filters and cartridges with its half-mask counterpart:



*MSA's engineers used state-of-the-art CAD technology to create the best fit possible.*

the low-maintenance Advantage 200 Respirator. As a result, you get the most versatile arsenal in air-purifying respiratory protection at about half the cost of conventional full-face respirators.

## A Tough Act To Follow

While imitators are there, the Advantage 1000 Respirator is tough to duplicate.

*The flexible urethane lens, which can literally be folded in half, gives the respirator superior sealing characteristics.*

One of the first advantages you'll notice about the respirator is its



# A Closer Look At The Advantage 1000 Respirator

*Featuring a clean and simplified design, the Advantage 1000 Respirator weighs up to 40 percent less than some conventional full-face respirators. As a result, wearer comfort and user acceptance are enhanced.*

*Super-soft Hycar rubber facepiece provides the feel and comfort usually afforded to silicone, but with greater chemical permeation resistance.*

*Nosecup improves comfort and eliminates lens fogging.*

*Mechanical speaking diaphragm is standard. Facepiece also adapts easily to electronic ESP Communications System.*



*Fully elastic, six-point head harness adjusts easily, speeds donning and doffing, and eliminates hair pulling.*

*Flexible urethane lens contributes to a better facepiece seal, improved field of vision and greater comfort.*

*Interchangeable Advantage Series Cartridges enhance versatility; they are also compatible with Advantage 200 low-maintenance half-mask respirators.*

exceptional fit. Developed with the help of computer-aided design (CAD) technology, the concept for the Advantage 1000 Respirator is based on extensive anthropometric research involving more than 8,000 individuals.



*Inturned lip seal compensates for wide differences in facial contours and provides better seal and improved protection.*

By studying various facial form data on these individuals, MSA engineers were able to create a unique sizing model that provides an exceptional seal against a wide range of facial contours. The result is a high-performance facepiece that delivers not only outstanding fit, but also exceptional comfort.

The Advantage 1000 Respirator's distinctive lens provides another advantage you'll have a hard time finding anywhere else. Because it's made of flexible urethane and integrally bonded to the face seal, we've eliminated the need for rigid lens retainers that can cause unwanted pressure points.

You can literally fold the lens in half without its breaking or losing resiliency. This ability to bend helps the Advantage 1000 Facepiece conform to the wearer's unique facial contours, thereby providing respirator wearers with exceptional fit and comfort characteristics.

As for durability, the lens has proven to be more scratch-resistant than polycarbonate in blowing-sand tests.

At 40 percent lighter than other conventional full-face respirators, the Advantage 1000 Respirator may be the lightest, most comfortable and best-fitting full-face respirator you've ever owned. And if that's not enough, your employees will also appreciate that the Advantage 1000 Respirator is available in three sizes (small, medium and large) to offer a fit that is comfortable and precise.

# It Gets Even Better



The Advantage 1000 Respirator is compatible with the ESP® Communications System for clear, ungarbled voice communications.

Some accessories available for use with the Advantage 1000 Respirator allow you to make an already impressive product even better.

For exceptional clarity and voice communications, choose the ESP Communications System. This self-contained, battery-powered microphone and speaker assembly installs easily in place of the speaking diaphragm and allows clear, ungarbled speech even in high ambient noise areas.

For added impact protection, just snap the polycarbonate lens shield into place on the facepiece.



For nuclear personnel, the lens shield provides an additional level of eye protection and increased beta-radiation protection — increasing combined lens density thickness to 500 mg/cm<sup>2</sup>.

## Optional Lens Shield.

**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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## Ordering Information

| Advantage 1000 Low-Maintenance Facepiece* |        |        |        |
|---|--------|--------|--------|
| Color                                     | Small  | Medium | Large  |
| Black                                     | 805414 | 805408 | 805420 |

\*Advantage Series Cartridges must be ordered separately.

## Proudly Distributed By:

Bulletin 1012-02-MC  
March 2001  
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