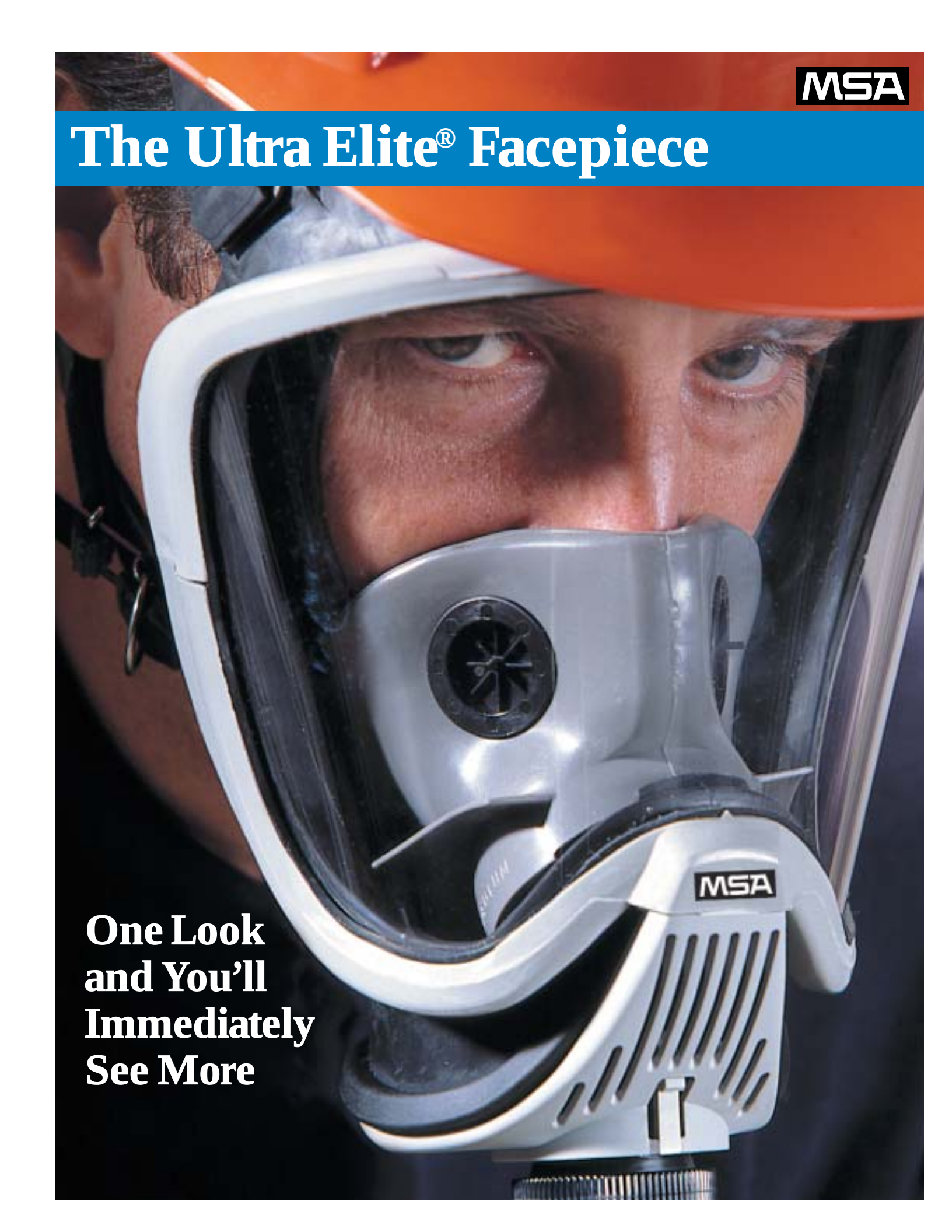




MSA

The Ultra Elite® Facepiece

**One Look
and You'll
Immediately
See More**

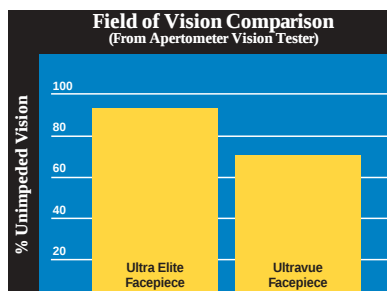
Elite in Every Way

The Ultra Elite Facepiece from MSA marks the beginning of a new era in facepiece design. A full facepiece that is compatible with a wide range of MSA respirators, it incorporates the latest in computer-aided design, laser modeling and testing. The result is a long-lasting, high-performance facepiece that surpasses any other mask if you compare the combined qualities of vision, comfort, fit, communications and versatility. It is a facepiece truly worthy of the name “Elite.”



You'll See the Difference

To give you a sense of how well we've designed the Ultra Elite Facepiece, we could go on about wrap around design, computer-aided technology and laser modeling. But there's a simpler way to appreciate its excellence. Just don an Ultra Elite Facepiece yourself and extend your hands out to the side. Then wiggle your fingers and move your hands gradually forward. Note when they come into view. Then do the same without a facepiece...and try to tell the difference. It



will probably be difficult because that's how good your field of vision is with an Ultra Elite Facepiece. With its sleek profile, the Ultra Elite Facepiece elevates peripheral and downward vision to entirely new heights. Even with the optional nose cup installed, the facepiece provides an unequalled view. In fact, tests on an Apertometer Vision Tester show that the Ultra Elite Facepiece provides 94 percent unimpeded vision — a 24 percent improvement over the Ultravue Facepiece and six percent higher than the next closest competitor.

So, whether you're conducting routine plant maintenance or responding to an emergency, the Ultra Elite Facepiece will help you see better. To find out what we mean, try an Ultra Elite Facepiece on and see the difference.

You'll Feel the Difference

Whether it's a quick excursion down a manhole or an eight-hour shift at a chemical plant, the Ultra Elite Facepiece

offers the ultimate in comfort every second you wear it. A choice of facepiece materials — either soft silicone or our exclusive, chemical-resistant SoftFeel™ Hycar* rubber — provides a super-soft facepiece texture that delivers a smooth, comfortable seal. And it's available in a choice of colors — light gray or cool blue. So it not only feels comfortable, it looks comfortable, too.

You'll also appreciate the ease with which you can don and doff the Ultra Elite Facepiece. One reason it's so easy is that the facepiece has a newly designed harness with larger adjustment tabs. The straps are easy to manipulate, even with gloves on; and the new design reduces the likelihood of hair

being caught or pulled during donning and doffing. For slip-on convenience and even faster donning, the optional EZ-Don™ Facepiece Harness with a hair-net-type five-point suspension eliminates the need to adjust top and

temple straps. A quick tug on the two lower straps is all that's needed to secure the fit.

*Hycar is a trademark of B.F. Goodrich.

That “Just-Right” Fit

Even when craning your neck upward or twisting your head from side to side, the Ultra Elite Facepiece maintains an unparalleled fit — a fit that feels “just right.”

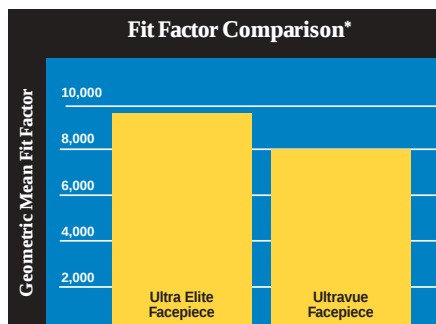
It fits correctly because the Ultra Elite Facepiece design is based on extensive anthropometric research, computer-aided design and stereolithography — a state-of-the-art tool for prototyping and laser modeling.

The Ultra Elite Facepiece provides enhanced comfort for users of MSA pressure-demand air-line respirators, including the most-versatile PremAire® System. Demand versions of the facepiece are used with MSA constant-flow air-line respirators.



By studying overall face-length, temple-width and chin-width data from more than 8,000 individuals, MSA engineers were able to create unique sizing models that provide improved seals against a wide range of facial contours.

In independent testing, the facepiece fit so well that the medium-sized model accommodated up to 80 percent of the population and delivered a mean fit factor of greater than 9,000. For other people, small and large sizes are available to provide a fit that is comfortable and precise — what you might call “just right.”



*Fit factors are based on results of independent testing conducted by Respirator Consultations, Morgantown, W. Va. Geometric mean fit factors are calculated using a TSI Porta Count CNC System and the Los Alamos National Laboratory 25-member full-facepiece test panel.



The WorkMask™ II Self-Contained Breathing Apparatus is suitable for many industrial applications. For situations where the potential for fire exists, Ultra Elite Facepieces are available for use with NFPA-compliant MSA Air Masks.

In independent tests, conducted by ETL Testing Laboratories, Inc., Cortland, N.Y., the Ultra Elite Facepiece scored a remarkable 93 percent rating in speech intelligibility — a 13 percent improvement over the Ultravue Facepiece.

Few competitive facepieces offer such performance. The overall result is unmatched communications without the need for electronic amplification.

And that should be music to your ears.

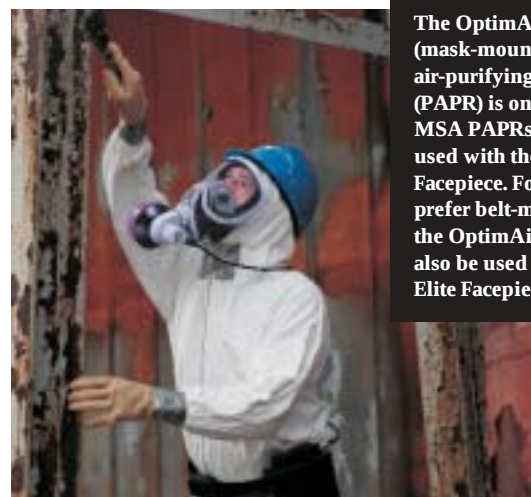
Built to Last... Simple to Maintain

The Ultra Elite Facepiece is as durable as it is versatile. It's NIOSH-approved for use on dozens of MSA respirators, including demand and pressure-demand models. There's even a model that meets the strict requirements of the National Fire Protection Association (NFPA).

Because the Ultra Elite Facepiece is built for long life, it is intended for customers who conduct ongoing respirator maintenance. With the Ultra Elite Facepiece, MSA makes respirator maintenance simple. The facepiece consists of only 20 parts, and all are easily replaced in the field without special tools.



Unique flip-up cover on demand-style facepieces allows quick and easy inspection of exhalation valve assembly.

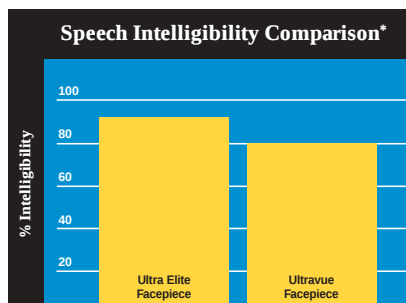


The Optimaire MM (mask-mounted) powered air-purifying respirator (PAPR) is one of many MSA PAPRs that can be used with the Ultra Elite Facepiece. For users who prefer belt-mounted units, the Optimaire 6A PAPR can also be used with the Ultra Elite Facepiece.

Communication That's Loud and Clear

There's another clear difference between the Ultra Elite Facepiece and other conventional full facepieces. One look and you'll see the dramatic improvement in the grillwork design that lets communication out easily and clearly. It's an improvement, however, that must be heard to be fully appreciated.

Simply put, when wearing an Ultra Elite Facepiece, you won't have to shout when talking to a colleague. That's because the facepiece features a completely redesigned speaking diaphragm with direct porting and superior positioning for improved clarity and higher volume.



*Speech intelligibility results are based on testing to the “Communications Performance Test” of ANSI/NFPA 1981-1992 “Standard on Open-Circuit Self-Contained Breathing Apparatus for Firefighters.”

Demand Ultra Elite Full Facepiece with Nosecup and Threaded Adapter

Size	Black Hycar	Black Silicone	Head Harness
Small	493060	493068	Rubber
Medium	493016	493024	Rubber
Large	493104	493112	Rubber

Non-NFPA Compliant Pressure Demand Ultra Elite Full Facepiece with Threaded Adapter for Belt-Mounted Regulators

Size	Black Hycar	Black Silicone	Head Harness	Nosecup/Baffle
Small	491524	491526	EZ-Don™	Nosecup
	493271	493303	Rubber	Nosecup
	491525	491527	EZ-Don	Baffle
	493278	493310	Rubber	Baffle
Medium	491520	491522	EZ-Don	Nosecup
	493151	493183	Rubber	Nosecup
	491521	491523	EZ-Don	Baffle
	493158	493190	Rubber	Baffle
Large	491528	491530	EZ-Don	Nosecup
	493391	493423	Rubber	Nosecup
	491529	491531	EZ-Don	Baffle
	493398	493430	Rubber	Baffle

Non-NFPA Compliant Pressure Demand Ultra Elite Full Facepiece for Mask-Mounted Regulators

(*Indicates 1/4 turn Quick-Connect Adapter)

Size	Black Hycar	Black Silicone	Head Harness	Nosecup/Baffle
Small	491802	491804	EZ-Don	Nosecup
	493270	493302	Rubber	Nosecup
	491803	491805	EZ-Don	Baffle
	493277	493309	Rubber	Baffle
	816304*	816307*	EZ-Don	Baffle
Medium	491798	491800	EZ-Don	Nosecup
	493150	493182	Rubber	Nosecup
	491799	491801	EZ-Don	Baffle
	493157	493189	Rubber	Baffle
	814706*	816301*	EZ-Don	Baffle
Large	491806	491808	EZ-Don	Nosecup
	493390	493422	Rubber	Nosecup
	491807	491809	EZ-Don	Baffle
	493397	493429	Rubber	Baffle
	815662*	816310*	EZ-Don	Baffle

NFPA Compliant Pressure Demand Ultra Elite Full Facepiece with Threaded Adapter for Belt-Mounted Regulators

Size	Black Hycar	Black Silicone	Head Harness	Nosecup/Baffle
Small	493284	493316	Speed-ON®	Nosecup
	493287	493319	Rubber	Nosecup
	493293	493325	Speed-ON	Baffle
	493296	493328	Rubber	Baffle
Medium	493164	493196	Speed-ON	Nosecup
	493167	493199	Rubber	Nosecup
	493173	493205	Speed-ON	Baffle
	493176	493208	Rubber	Baffle
Large	493404	493436	Speed-ON	Nosecup
	493407	493439	Rubber	Nosecup
	493413	493445	Speed-ON	Baffle
	493416	493448	Rubber	Baffle

NFPA Compliant Pressure Demand Ultra Elite Full Facepiece for Mask-Mounted Regulators

(*Indicates 1/4 turn Quick-Connect Adapter)

Size	Black Hycar	Black Silicone	Head Harness	Nosecup/Baffle
Small	493283	493315	Speed-ON	Nosecup
	493286	493318	Rubber	Nosecup
	493292	493324	Speed-ON	Baffle
	493295	493327	Rubber	Baffle
	815851*	815850*	Speed-ON	Nosecup
Medium	493163	493195	Speed-ON	Nosecup
	493166	493198	Rubber	Nosecup
	493172	493204	Speed-ON	Baffle
	493175	493207	Rubber	Baffle
	814080*	815849*	Speed-ON	Nosecup
Large	493403	493435	Speed-ON	Nosecup
	493406	493438	Rubber	Nosecup
	493412	493444	Speed-ON	Baffle
	493415	493447	Rubber	Baffle
	815853*	815852*	Speed-ON	Nosecup

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