### Advantage 200 LS Respirator

In 2000, MSA set a new standard with the Advantage 200 LS Respirator, the first half-mask designed exclusively for people who wear respirators.

- It weighs less to make it more stable on your face.
- It feels softer to keep you comfortable.
- It adds new style to safety.

By using a translucent formulation of thermoplastic rubber, the Advantage 200 LS Respirator provides a better-looking, lighter and softer facepiece that exceeds all previous levels of comfort. And, because the new facepiece features the same great face seal design as other masks in the Advantage family, wearers of the Advantage 200 Respirator do not need to be fit-

tested
again
before they
use the
Advantage
200 LS
Respirator.



The Advantage 200 LS Respirator also features MSA's patented MultiFlex® System – a soft, pliable combination of rubber and plastic that provides a virtually customized fit. In addition, the highly effective AnthroCurve™ Sealing Surface instantly conforms to each wearer, equalizing pressure on the face seal area and eliminating annoying pressure points.

# It Fits You In Every Way

Despite its groundbreaking design, the Advantage 200 LS Respirator fits your budget as well as it fits your face.

The facepiece has only four components:

- Facepiece blank
- 4-point yoke
- Inhalation/exhalation valves
- Head harness (choice of single or 2-piece neck strap).

This cost-effective respirator is easy to maintain, so your inventory – and costs – are minimized.



Designed to equalize the pressure around the face-seal area, the revolutionary AnthroCurve Sealing Surface ensures optimum comfort for any facial form.

## MSA Ordering and NIOSH Approval Information

The Advantage line of particulate, chemical and combination cartridges is NIOSH-approved (to 42 CFR, Part 84) and provides lightweight, low-profile performance.

Acid Gases

Advantage Respirator				Acia Gases								, ,					
Cartridges	<b>Respirator</b>		color	oding	ic Var	or	r Diox	ide Di	Oxide Ogen	hlorid	de Sulfide nonia Met	avlan	ine	yde Ogen Men	ind As	por a por Type a refricier	ncy***
MSA	Re-Order		color	Organ	Chlor	Suff	Chlo	Hydr	Hydr	Ami	Met	Form	Hydr	Mer	Filt	er Ethic	See
Cartridge Description	Part Number		ov	CL	SD	CD		HS*	AM	MA	FM	HF	MV	P100	R95	N95	Notes To Right
GMA	815355		<b>12</b> 0														2,3
GMA with N95 Prefilter	815355 with 815394 or 816357		<b>02</b> 0													<b>(2</b> )	2,3
GMA with R95 Prefilter	815355 with 815397		<b>12</b> 0												<b>(2)</b>		2,3
GMA P100	815362		<b>12</b> 0											<b>0≜</b> 0			2,3,4
GMB	815356			<b>0≧</b> 0	<b>12</b> 0	<b>0≜</b> 0	<b>©</b>	<b>12</b> 0									2
GMB with N95 Prefilter	815356 with 815394 or 816357			0 <b>2</b> 0	<b>(2</b> )	0 <b>2</b> 0	<b>12</b> 0	<b>0≜</b> 0									2
GMB with R95 Prefilter	815356 with 815397			0 <b>2</b> 0	<b>(2)</b>	0 <b>2</b> 0	<b>1</b>	0 <b>2</b> 0									2
GMB P100	815363			ø <b>≜</b> 0	<b>(2)</b>	<b>12</b> 0	( <b>2</b> )	o <b>≜</b> o									2,4
GMC	815357		<b>12</b> 0	<b>0≜</b> 0	<b>12</b> 0	o <b>≜</b> o	<b>2</b>	0 <b>2</b> 0									2,3
GMC with N95 Prefilter	815357 with 815394 or 816357		<b>12</b> 0	<b>12</b> 0	<b>2</b> 0	<b>0≜</b> 0	<b>2</b> 0	<b>12</b> 0								ø <b>≜</b> 0	2,3
GMC with R95 Prefilter	815357 with 815397		<b>12</b> 0	<b>12</b> 0	<b>(2)</b>	<b>0≜</b> 0	<b>(2)</b>	0 <b>2</b> 0							<b>(2)</b>		2,3
GMC P100	815364		<b>(2</b> )	<b>12</b> 0	<b>(2</b> )	<b>©</b> 0	<b>(2)</b>	<b>⊕</b>						ø <b>≜</b> 0			2,3,4
GMD	815358								<b>1</b>	<b>12</b> 0							2,3
GMD with N95 Prefilter	815358 with 815394 or 816357								<b>(2)</b>	<b>1</b>						<b>2</b> 0	2,3
GMD with R95 Prefilter	815358 with 815397								<b>2</b> 0	<b>12</b> 0					<b>2</b>		2,3
GMD P100	815365								<b>1</b>	<b>12</b> 0				<b>12</b> 0			2,3,4
GME	815359		<b>12</b> 0	<b>0≜</b> 0	<b>12</b> 0	0 <b>2</b> 0	<b>02</b> 0	<b>⊕</b>	<b>©</b>	<b>⊕</b>	<b>02</b> 0	<b>⊕</b>					2,3
GME with N95 Prefilter	815359 with 815394 or 816357		<b>12</b> 0	<b>0≜</b> 0	<b>12</b> 0	0 <b>2</b> 0	<b>02</b> 0	<b>⊕</b> 0	<b>©</b>	ø <b>≜</b> 0	<b>12</b> 0	<u>0≜0</u>				<b>12</b> 0	2,3
GME with R95 Prefilter	815359 with 815397		<b>(2</b> )	<b>12</b> 0	<b>2</b> 0	<b>12</b> 0	<b>120</b>	<b>12</b> 0	<b>2</b> 0	<b>0≜</b> 0	<b>©</b>	ø <b>≜</b> 0			<b>2</b>		2,3
GME P100	815366		<b>(2</b> )	<b>12</b> 0	<b>(2</b> )	<b>12</b> 0	<b>120</b>	<b>⊕</b>	<b>(2)</b>	<b>©</b>	<b>(2)</b>	<b>0≜</b> 0		<b>0≜</b> 0			2,3,4
GMI P100	815641		<b>(2</b> )											<b>12</b> 0			2,4
Mersorb	815361			0 <b>2</b> 0									<b>©</b>				2,4
Mersorb with N95 Prefilter	815361 with 815394 or 816357			<b>12</b> 0									<b>2</b> 0				2,4
Mersorb with R95 Prefilter	815361 with 815397			0 <b>2</b> 0									<b>©</b>				2,4
Mersorb P100	815368			<b>12</b> 0									<b>(2</b> )	<b>12</b> 0			2,4
Low-Profile P100	815369													0 <b>2</b> 0			1,4

\*Escape only. \*\* Effective against, but not NIOSH-approved for Iodine Vapor.

815394 Pack of 10 815357 Pack of 50

815397 Pack of 20

815392 Reusable Snap-On Cover. 2 in a Package.

815401 Reusable Snap-On Cover.

2 in a Package.

#### \*\*\* Definitions

N95 Snap-On Filter and Cover

R95 Snap-On Filter and Cover

particulate aerosols.

N95-Particulate Filter (95% filter efficiency level) effective against particulate aerosols *free of oil*; time use restrictions may apply.

R95-Particulate Filter (95% filter efficiency level) effective against *all* particulate aerosols; time use restrictions may apply.

P100-Particulate Filter (99.97% filter efficiency level) effective against *all* 

#### **▲** 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				
Carbon monoxide	Methyl chloride	Nitromethane	diisocyanate-				
Diisocyanates	Methylene chloride	Phosgene	containing paints Vinyl chloride				
Dimethyl sulfate	Nickel carbonyl	Phosphine					