Advantage Series

Full Face & Half Masks

MSA
The Safety Company





MSA's expertise in breathing protection is very evident in its range of full face masks and half masks. Comfort and quality, useful accessories and an unbelievable range of filters meet every challenge.

The Advantage Series can be used with filters and powered air-purifying devices and features a full range of products that meet the toughest users expectations in terms of reliability, safety and comfort. The full face and half masks have been designed based on strong Voice of Customers analysis and have reached the highest level in terms of ease of use and ease of maintenance.

WE KNOW WHAT'S AT STAKE.



The full face mask series Advantage 3000 provides both protection and unparalleled comfort. The soft sealing line made of hypo allergenic silicone provides a pressure-free fit. The large, optically corrected lens ensures a clear, undistorted view, while the grey-blue colour gives the mask an aesthetic appearance.

In order to meet all requirements concerning respiratory protective equipment, the Advantage 3000 comes in two versions, each in three different sizes. Choose between Advantage 3200 with bayonet connection and Advantage 3100 with EN 148 standard thread filter connection.

Donning the Advantage 3000 is unbelievably quick, simple and accomplished without painful hair pulling. The patented Advantage head harness gives a perfect face piece-to-face fit.

Donning



Put your chin into the chin cup



Pull the harness over your head



Tighten the two lower straps

	Features	Benefits
Excellent wearer comfort	• Innovative Advantage harness	• Simplified donning and doffing; no painful friction with hair
	• Soft and large sealing line made of hypo allergenic silicone	• Pressure-free and safe fit
Optimal protection	• Available in 3 sizes	• Perfect adaptation to different face shapes
	• Panoramic view lens	• Undisturbed field of view
Cost effectiveness	• Quick (dis)assembly	• Easy cleaning
	• One design – two versions (twin and single connection)	• Reduced test and training costs
	• Bayonet filters also suitable for Advantage 420 and 200 LS	• Rationalisation of stocks





Facepiece-to face Anthrocurve



Advantage 200 LS half mask

The Advantage 200 LS is a comfortable, efficient and economic half mask. It is ideal for applications where workers are exposed to various hazards from job to job, such as high concentrations of fumes, mists and gases.

With its patented MultiFlex system the Advantage 200 LS offers maximum protection and high wearing comfort. The soft, pliable combination of rubber and plastic provides a customised and pressure-free fit, instantly conforming to the wearer's unique facial characteristics.

The Advantage 200 LS comes in three sizes and has a complete and exclusive filter programme to protect against harmful particles and/or gases.

	Features	Benefits
Excellent wearer comfort	• Well-balanced, low weight design	• Pressure-free fit
Optimal protection	• MultiFlex (soft sealing line with robust mask body)	• Excellent face-piece-to-face fit
	• Anthrocurve pre-formed nosepiece and adjustable head harness	• Perfect adaptation to different face shapes
Cost effectiveness	• Low maintenance design	• Easy to clean
	• Wide range of filters	• Serves various applications
	• Bayonet filters also suitable for Advantage 3200 and 420	• Rationalisation of stocks





The innovative Advantage 400 half mask stands out due to exceptional comfort and sophisticated design.

The patented single loop head harness is unique to the market. It grants the user an intuitional operation and offers high comfort and flexibility. The drop-down option allows the user to remove the mask from the face without removing his other safety equipment (like helmet, ear muffs or spectacles). The respirator can be worn along the chest until the next use. Lock-down permits to set the harness to the proper fit. It can be then reused without any further adjustments.

The one-piece MultiFlex nose cup is made of soft and smooth co-molded silicone and rigid plastic. This unique combination gives the face piece great durability and extraordinary stability when worn, without compromising comfort.

The Advantage 400 is either available with single thread EN 148-1 connection (Advantage 410) or with twin bayonet MSA connection (Advantage 420). For both versions MSA offers a wide range of different filters, suitable for all applications.



Donning



Place cradle on head



Pull down front straps and lock lever



Close neck buckles and pull on both straps evenly

	Features	Benefits
Simplicity	• Unique harness assembly	• Makes for easier donning and doffing
	• Drop-down mode	• Allows the user to remove respirator and carry it safely along the chest while wearing head protection
	• Lock-down mode	• Provides the user with the option of fixed sizing (mask can be reused without further adjustments)
	• Innovative lever	• Enables a quick and easy switch between lock-down and drop-down mode
Comfort	• Flat single loop harness	• Eliminates pressure points on head when head protection is used
	• Multi-ethnic face seal	• Adapts to a broad range of faces globally
	• Wide straps	• Minimises twisting and cutting in the nape
	• Chin cup with built-in drain hole	• Reduces slippage of face piece in hot humid conditions
Safety	• One-piece nose cup made of soft over-molded silicone and rigid plastic	• Offers excellent stability on the user's face and eliminates multiple leak points
	• Textured inner seal of face piece	• Maintains good face piece fit
	• No loose or dangling straps	• Provides greater visibility
	• Downwards pointing exhalation valve	• Avoids projection of exhaled humid air and reduces fogging on face shield lens
Flexibility	• Low profile design	• Integrates extremely well with other PPE
	• Adjustable cradle and 3 face piece sizes	• Provides perfect adaptation to different head sizes and facial contours
	• Drop-down and non-drop-down option	• Allows customization of the mask
	• Single (410) and twin (420) filter variant	• Offers the possibility of choosing a model according to individual preferences
Cost effectiveness	• Only 3 major components	• Makes cleaning and maintenance much easier
	• High quality silicone	• Offers great durability
	• Uses existing MSA filters	• Minimises inventory
	• Two versions – one design (twin and single connection)	• Reduces test and training costs

Suitable for:

High heat environments
- Steel mills
- Foundries
- Hot-houses
- Coke ovens
- Bagging operations

Welding
- Hex chrome
- Carbon steel
- Brazing
- Soldering
- Metal pouring

Petrochemical exposure
- Chemical manufacturing
- Dipping / coating operations
- Sampling

Extreme cold conditions
- Drilling rigs
- Construction
- Rail road repair
- Northern climates

Painting
- Bridge repair
- Construction painting
- Coatings
- Chemical overlays

Advantage Filters

The Advantage filter line is a complete line of particulate, chemical and combination cartridges, providing the best in light-weight and high-performance filters.

Crafted for easy installation and strong protection, Advantage respirator cartridges use a bayonet-style design for easy mounting. With low-lug height and lead-in connectors, the cartridges lock into place with only a single twist.

The Advantage filter lines are for use with Advantage 3200, Advantage 200 LS and Advantage 420.



Advantage 3200 with Advantage chemical cartridges

Standard Thread Filters

The greatest experience and know-how, as well as one of the widest ranges in the market make MSA filters the first choice for users in all industries.

The high-performance particle filter P3 PlexTec and all combination filters are using MSA's PlexTec filter media. The significantly increased filtering surface reduces breathing resistance and results in slightly more relaxed breathing as well as more compact filter housings.

The MSA 9X Series of Gas and Combination filters is in full compliance with the REACH regulation and does not include any toxic materials listed in the European Regulation.

The Standard Thread Filters can be used with Advantage 3100 and Advantage 410.

For detailed information on standard thread filters please see leaflet 05-100.2.



Advantage 410 with P3 PlexTec filter



Advantage 200 Particle Filter P3



Advantage 201 Chemical Filter A2B2E1



Advantage 202 Combination Filter A2B2E1 P3



Advantage P3



Advantage ABEK



Advantage ABEK-P3



PlexTec Particle Filter P3



Gas Filter 90 ABEK



Combination Filter 92 ABEK2



Combination Filter 93 ABEK2-Hg/St



Pre-Filter for Filter Cartridge

Part Number	Description
Respiratory Filters	
Advantage 200 Filters: EN 143, EN 14387	
430375	P3 R High efficiency Dust Cartridge (pair)
430371	A2 Chemical Cartridge (pair)
10144827	A2B2E1 Chemical Cartridge (pair)
430373	A2B2E1K1 Chemical Cartridge (pair)
430372	A2P3 R Combination Cartridge (pair)
10144828	A1B1E1 P3 R Combination Cartridge (Pair)
430374	A2B2E1K1P3 R Combination Cartridge (pair)

Standard Thread Filters: EN 143, EN 14387	
10094376	Particle Filter P3 PlexTec (pack of 10)
10114676	Particle Filter P3 PlexTec (pack of 100)
10115187	Gas Filter 90 A
10098113	Gas Filter 90 AB
10098114	Gas Filter 90 ABEK
10098112	Gas Filter 90 ABEK2
10108408	Gas Filter 90 AX
10115320	Gas Filter 90 K
10115188	Combined Filter 92 A/St P2
10097995	Combined Filter 92 ABEK/StP2
10097996	Combined Filter 92 ABEK2/StP2
10115189	Combined Filter 93 A/St P3
10097993	Combined Filter 93 AB/St P3
10097231	Combined Filter 93 ABEK Hg/St P3
10097232	Combined Filter 93 ABEK2 Hg/St P3
10108409	Combined Filter 93 AX/St P3
10115190	Combined Filter 93 K/St P3
10115315	Combined Filter ABEK CO NO Hg/St P3
10115314	Combined Filter CO NO/St P3

R = Reusable according to EN143:2000/A1:2006
OR = Odor removal
Note: Filter weight limit for Advantage 410 = 300 g

Part Number	Description
Full Face Masks	
Advantage 3100, EN 136 with single thread EN 148-1 connection	
10027724	Advantage 3111, S
10027723	Advantage 3121, M
10027725	Advantage 3131, L
10042664	Advantage 3112, S
10042730	Advantage 3122, M
10042731	Advantage 3132, L
Advantage 3200, EN 136 with twin bayonet MSA connection	
10027727	Advantage 3211, S
10027726	Advantage 3221, M
10027728	Advantage 3231, L
10042732	Advantage 3212, S
10042733	Advantage 3222, M
10042734	Advantage 3232, L
The selection of an Advantage 3000 is easier when using its four-digit version number. 1) 3 = product line 3000 2) 1 or 2 = EN thread or bayonet connection 3) 1 or 2 or 3 = small or medium or large 4) 1 or 2 = Advantage harness or Advantage harness with silicone strap	

Part Number	Description
Half Masks	
Advantage 410, EN 140 with single thread EN 148-1 connection	
10102276	Advantage 410, small
10102277	Advantage 410, medium
10102278	Advantage 410, large
Advantage 420, EN 140 with twin bayonet MSA connection	
10102273	Advantage 420, small
10102274	Advantage 420, medium
10102275	Advantage 420, large
The weight of a single filter shall not exceed 300 g when used with the Advantage 410	
Advantage 200 LS, EN 140	
430357	Advantage 200 LS, small
430356	Advantage 200 LS, medium
430358	Advantage 200 LS, large

Part Number	Description
Accessories	
10016038	Pouch for Advantage 200 LS
10017835	Adapters Advantage (for leak test)
10032100	Carrying Strap
10037238	Cover lens, clear (10 pcs)
10037282	Spectacles kit
10042663	Advantage harness with silicone straps

MSA – **The Safety Company**

Our business is safety. We've been the world's leading manufacturer of high-quality safety products since 1914. MSA products may be simple to use and maintain, but they're also highly-sophisticated devices and protective gear – the result of countless R&D hours, relentless testing and an unwavering commitment to quality that saves lives and protects thousands of men and women each and every day. Many of our most popular products integrate multiple combinations of electronics, mechanical systems and advanced materials to help ensure that users around the world remain protected in even the most hazardous of situations.

Our Mission

MSA's mission is to see to it that men and women may work in safety and that they, their families and their communities may live in health throughout the world.

MSA: We Know What's at Stake.

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.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit ***MSAsafety.com/offices.***

AC1797
© MSAMar 2023