MSA
The Safety Company

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Knowledgeable Customer Service

Advantage Series

Full Face & Half Masks

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.

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Advantage 3000 Series

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

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Advantage 200 LS

Facepiece-to face Anthrocurve

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

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Advantage 400 Series

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

The patent pending 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

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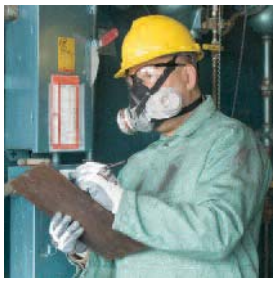
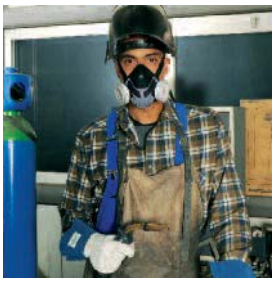
	Features	Benefits
Simplicity	Unique harness assembly	Makes for easier donning and doffing
	Drop-down mode	Allows the user to remove respirator and carry it safely along the chest while wearing head protection
	Lock-down mode	Provides the user with the option of fixed sizing (mask can be reused without 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

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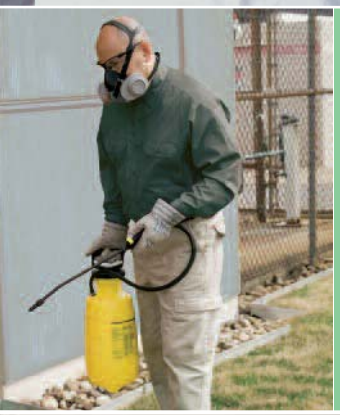
High heat environments

- Steel mills
- Foundries
- Hot-houses
- Coke ovens
- Bagging operations

Welding

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

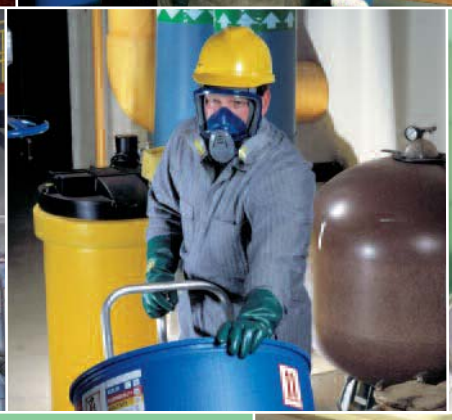
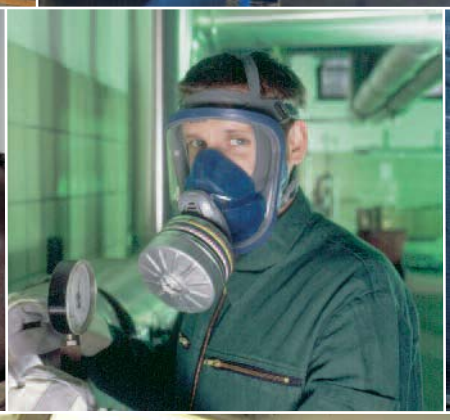


Petrochemical exposure

- 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

Respiratory Filters

Advantage Filters, TabTec® and FLEXIfilter

Advantage 3200 with TabTec and FLEXIfilter

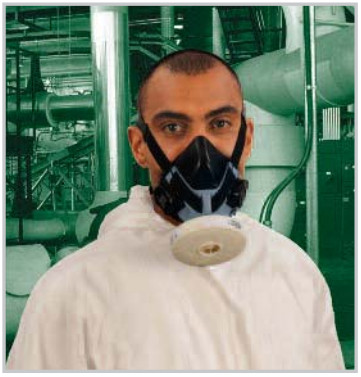
The **Advantage filter** line is a complete line of particulate, chemical and combination cartridges, providing the best in light-weight and high-performance filters.

The patented **TabTec filter** technology allows the design of high-performance filters that require only minimal housing.

With its extremely flat design, the MSA **FLEXIfilter** is a superb alternative to traditional particle filters. Available as P2 or P3, as well as with a layer against nuisance odors (OR) which also protects against ozone.

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

Standard Thread Filters



Advantage 410 with P3 PlexTec filter

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.

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Ordering Information

Respiratory Filters

Advantage Filters EN 143, EN 14387	
430375	P3 R High efficiency Dust Cartridge (pair)
430371	A2 Chemical Cartridge (pair)
430373	A2B2E1K1 Chemical Cartridge (pair)
430372	A2P3 R Combination Cartridge (pair)
430374	A2B2E1K1P3 R Combination Cartridge (pair)
10011347	P2 R prefilters (10 pairs) and 2 adapters
TabTec Filters EN 14387	
10030510	A1 TabTec Gas Filters (pair)
10030511	A2 TabTec Gas Filters (pair)
10038476	A2B2E1K1 TabTec Gas Filters (pair)
10030514	Adapter for TabTec®/FLEXIfilter Combination (pair)
FLEXIfilter EN 143	
10027699	P2 R FLEXIfilter (5 pairs)
10027639	P3 R FLEXIfilter (5 pairs)
10027697	P3 R FLEXIfilter OR (5 pairs)

R = Reusable according to EN143:2000/A1:2006
OR = Odor removal

Standard Thread Filters EN 143, EN 14387	
10094376	Particle Filter P3 PlexTec (pack of 10)
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
10115349	Gas Filter 90 E
10115320	Gas Filter 90 K
10115188	Combined Filter 92 A/St P2
10097994	Combined Filter 92 AB/St P2
10097995	Combined Filter 92 ABEK/St P2
10097996	Combined Filter 92 ABEK2/St P2
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
10115201	Combined Filter 93 Hg/St P3
10115315	Combined Filter ABEK CO NO Hg/St P3
10115314	Combined Filter CO NO/St P3

R = Reusable according to EN 143:2000/A1:2006
Note: Filter weight limit for Advantage 410 = 300 g

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Full Face & Half 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

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

Accessories	
10026179	Advantage 3000 container
10016038	Pouch for Advantage 200 LS
D2055765	MSA Disinfectant 90, 2 liters
D2055766	MSA Disinfectant 90, 6 liters
D6063705	MSA Leak Test Kit
10017835	Adapters Advantage (for leak test)
10032100	Carrying Strap
10037238	Cover lens, clear (10 pcs)
10037237	Cover lens, tinted (10 pcs)
10037282	Spectacles kit
10042663	Advantage harness with silicone straps

Advantage 3000 container

Pouch for Advantage 200 LS

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