



Affinity® Disposable Masks

[The Winning Combination – Fit, Comfort, Value]

MSA's Affinity series features a full range of disposable masks for professional and DIY [Do-It-Yourself] use.

The two product lines, FR [folded] and Plus [cup-shaped], with protection levels FFP1 to FFP3 provide reliable protection according to the latest European Standards. Both lines have now been improved through the inclusion of Odour Removal FFP2 versions.

Colour coded plastic attachments and nose clips ensure easy identification [green for FFP1, yellow for FFP2, red for FFP3] and help the user to select the proper type. The ergonomic design, soft material and optional exhalation valve provide comfortable and economical products that can be used for all applications.

The Affinity range is true to its name: conforming perfectly to the contours of the face.

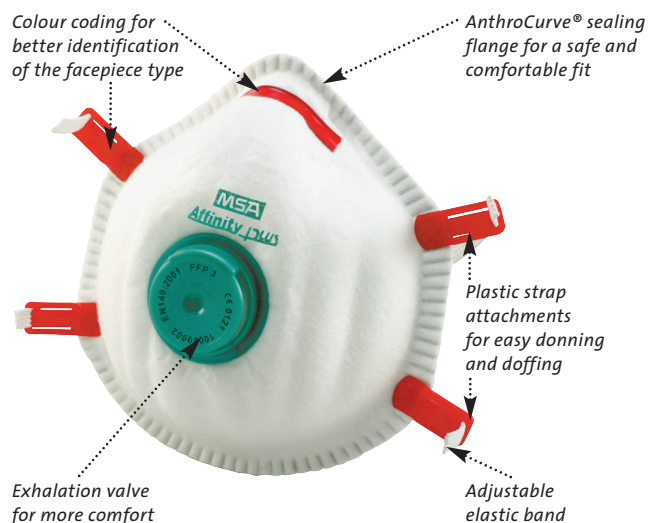


Affinity Plus

[Pre-shaped Respirator]

Effective, reliable and economical, the cup-shaped Affinity Plus is available now in FFP1, FFP2 and FFP3 versions according to EN 149:2001. It protects against most penetrating solid and liquid aerosol particles, depending on which class of filter is used.

The specially selected filter media provides excellent efficiency and enhanced durability.



[Fit]

The Affinity Plus respirators feature an AnthroCurve® sealing flange. Together with the pre-shaped nose cup and an external elastic band, a snug and safe fit is assured. Moreover the elastic band allows for quick and easy donning. With the new Affinity Plus FFP3, the elastic band is also adjustable.

The universal size of the masks fits all face and head sizes and shapes without compromising performance and protection.



[Comfort]

The smooth nose cup provides a tight but soft and comfortable fit over extended periods.

An optional exhalation valve offers low breathing resistance as it removes hot exhaled breath making the respirator cooler and easier to wear over extended periods.

The Affinity Plus respirators are dolomite tested to guarantee better breathing comfort, particularly in high dust environments.



[Value]

The specially selected materials and components, optimal filter performance, dimensionally stable construction and universal size are setting new standards of excellence.

Special Odour Removal versions offer relief from low concentration levels of Acid Gases [including HF], only below TLV [nuisance levels].

Whether hot, cold, dry or humid, the Affinity Plus offers more than just protection.

[Features and Benefits]

- Lightweight and comfortable
- Snug fit
- Smooth material
- Pre-shaped nose clip
- Plastic attachments [no staples]
- Optional exhalation valves
- Colour coding for quick identification
- Universal size for easy selection and less inventory

FFP3 also features:

- Separate adjustable elastic band
- Inner face seal for a better fit

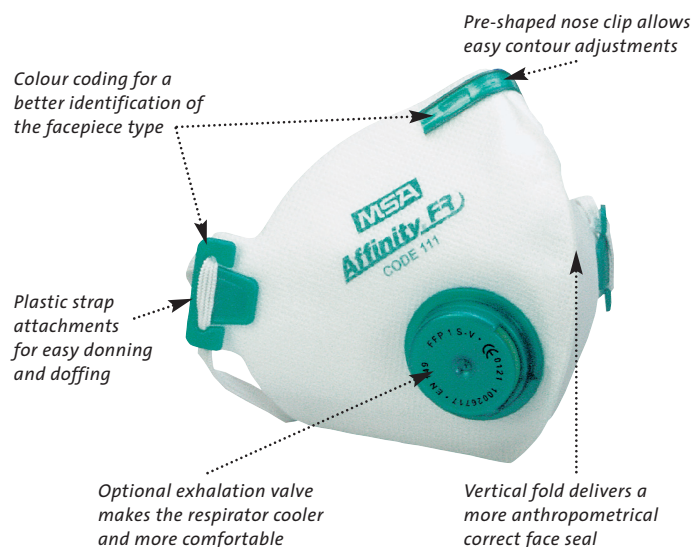




Affinity FR

[Folded Respirator]

The foldable Affinity FR line is available in FFP1, FFP2 and FFP3 versions. All versions meet the requirements of EN 149:2001, providing the best efficiency against most penetrating solid and liquid aerosol particles, depending on which class of filter is used.



[Fit]

The low-profile design of Affinity FR makes it ideal for use under welding hoods or in any tight spot where a respirator must be worn.

Affinity folded respirators also offer “one-size-fits-all” convenience without compromising effectiveness. Unlike other folded respirators, Affinity FR are folded vertically, providing a more anthropometrically correct face seal.



[Comfort]

The smooth inner lining of the Affinity FR provides a tight seal. A pre-shaped nose clip allows for easy contour adjustments to achieve a snug fit that prevents exhaled breath from escaping and fogging safety glasses. The elastic band ensures a good tight fit for all face and head sizes. The optional exhalation valve lets the exhaled air out for easier breathing and keeps the respirator cooler.

Affinity FR is dolomite tested to guarantee better breathing comfort, particularly in high dust environments.



[Value]

Because they are individually wrapped, Affinity FR can be carried on the job, when not in use. Even in dirty conditions, it will remain free of dirt and debris.

Due to its small size, the respirator fits in your pocket, ready for use. To further enhance durability and make donning and doffing a snap, high quality plastic attachments secure the elastic strap firmly to your respirator.

Special Odour Removal versions offer relief from low concentration levels of Acid Gases [including HF], only below TLV [nuisance levels].

[Features and Benefits]

- Low profile and comfortable fit
- Anthropological vertical design
- Smooth material
- Pre-shaped nose clip
- Optional exhalation valve
- Colour coding for quick identification
- Individual wrapping and dispenser box
- Universal size for easy selection and less inventory





[Approvals]

The products approved according to EN 149:2001 [solid and liquid particles] passed also the loading tests as required in the amendment A1:2006 to EN 143:2000. The classification of these products will be NR [not Reusable], i.e. for single shift use only.

[Materials]

Plastic attachments	Polypropylene
Elastic headband	Polypropylene
Valve	Vulcanised rubber & polyester
Nose clip	Steel & polypropylene
Nose foam	Polyurethane

[Applications]

Application	Protection class	Colour code
Grinding, Sanding, Cutting, Sweeping, Sawing, Bagging	FFP1	green
Machining, Welding, Brazing	FFP2	yellow
Pharmaceuticals, Industrial Processes	FFP3	red

[Ordering Information]

Affinity Plus		Protection class	Units per box	Boxes per carton	Carton size in cm	Carton weight in kg
10042750	Affinity Plus	FFP1 D	10	12	34 x 31.5 x 50	3.15
10042751	Affinity Plus-V	FFP1 D	10	12	35 x 31.5 x 62	3.95
10042752	Affinity Plus	FFP2 D	10	12	34 x 31.5 x 50	3.50
10042753	Affinity Plus-V	FFP2 D	10	12	35 x 31.5 x 62	4.45
10070804	Affinity Plus OR	FFP2 D	10	12	34 x 31.5 x 50	3.65
10070805	Affinity Plus-V OR	FFP2 D	10	12	35 x 31.5 x 62	4.60
10069902	Affinity Plus-V	FFP3 D	5	12	37 x 31.5 x 62	3.65

Affinity FR		Protection class	Units per box	Boxes per carton	Carton size in cm	Carton weight in kg
10035709	Affinity FR	FFP1 D	15	12	34 x 31.5 x 50	3.90
10035771	Affinity FR-V	FFP1 D	15	12	35 x 31.5 x 62	5.00
10035770	Affinity FR	FFP2 D	15	12	34 x 31.5 x 50	4.40
10026716	Affinity FR-V	FFP2 D	15	12	35 x 31.5 x 62	5.35
10070802	Affinity FR OR	FFP2 D	15	12	34 x 31.5 x 50	5.80
10070803	Affinity FR-V OR	FFP2 D	15	12	35 x 31.5 x 62	5.50
10035772	Affinity FR-V	FFP3 D	15	12	35 x 31.5 x 62	5.50

Plus = cup-shaped · FR = foldable · V = with valve · D = dolomite tested · OR = Odour Removal, offering relief from low concentration levels, below TLV [Threshold Limit Value or other exposure limits] of Acid Gases [including Hydrogen Fluoride]





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.