

# PureFlo 1000

Reusable Half & Full Face Mask  
Respirators



**Comfort, Quality & Trust**

# PureFlo® 1000 Mask Platform

## Comfort, Quality & Trust

Gentex reusable negative pressure respirators, both full and half face masks, include a full range of particulate, gas and vapour filters, providing respiratory protection in the most demanding environments.

These developments continue the Gentex pedigree of aerospace-level quality and design of high-performance personal protective equipment.

The PureFlo 1000 full face mask combines ultra-low breathing resistance, excellent field of view and first-time secure fit factor to provide maximum comfort, usability and protection.

In parallel the PureFlo 1000 half mask is a lightweight, comfortable half-mask with ultra-low breathing resistance. These products exceed minimum performance standards to optimise user experience.

The PF1000 filter range provides lower inhalation resistance, effective filtration and a secure fit for enhanced user confidence.





## PureFlo 1000 FFM

- Class 2 full face mask
- Ultra-low breathing resistance with improved inhalation/exhalation rates
- Optimised, unobstructed field of view and peripheral vision
- High quality eye protection
- Unrivalled comfort and fit with a 5-point adjustable head harness for widest range of sizing, based on global fit profiling data
- Head harness is approved to Class 2 pull-test at 15kg and manufactured in EPDM
- Impact and scratch resistant, flame-retardant polycarbonate visor, conforms to EN166B
- Easy to maintain, with all parts of the respirator fully replaceable and available as spare parts
- Wide range of particulate, gas and vapour filters available
- Filter efficiency 99.99% at 0.3 micron (Particulate and Combination Filters)



## PureFlo 1000 HM

- Ultra-low breathing resistance with improved inhalation/exhalation rates
- Secure, and easily adjustable elastomeric head cradle
- Excellent functionality with dual mode harness enabling users to remove their mask without removing head protection
- Design of mask based on global fit profiling data
- Wide range of particulate, gas and vapour filters available
- Filter efficiency 99.99% at 0.3 micron (Particulate and Combination Filters)



# FFM

## PureFlo 1000 FFM Full Face Mask

Available with three core face seals and three sizes of independent oronasal which combine to give nine potential combinations of mask sizing. With full access to modular components, the mask is built for ease of maintenance throughout the product lifespan.

Combined with the key features of ultra-low breathing resistance and optimal field of view, the PureFlo 1000 FFM provides the user with maximum comfort, a better fit and unrivalled protection for prolonged periods of use.



### Field of View

Optimised field of view with extensive peripheral vision.

### Comfort

Independent oronasal and face seal for enhanced sealing and comfort.

### Flame Resistance

Approved to Class 2: passing a 6-burner flame at 950° and static for 5 seconds in the flame

### Filter Connection

Patented filter connection mechanism approved to Class 2 pull test - 50kg



## PureFlo 1000 HM Half Mask

With a lightweight design and soft head cradle, this half mask is extremely comfortable for prolonged use. The design of the oronasal combined with ultra-low breathing resistance, balanced centre of gravity and twin filters provides a better fit, improved comfort and unrivalled protection; first time straight out of the box.



**Integration**  
Soft TPE head cradle designed for comfort when worn with a range of head protection.



**Strap System**  
Single point strap adjustment with variable resistance.



Locked.    Unlocked.

**Maintenance**  
Easy access to valves for pre-wear checks and replacement.



# F

## PureFlo 1000 Filter Range

When it comes to fitting or changing the filters, the PureFlo 1000 FFM full face mask or 1000 HM half mask, a simple push-twist-lock action makes the PF1000 filters easy to use.

The ergonomic design enables the user to carry out a fit-check by simply covering the inlet port with the palm of the hand. Our high capacity filters exceed the performance requirements of the relevant standards.

The filters have been specifically designed to reduce user inhalation effort, making the respirator more comfortable to wear for normal use. In high-work rate applications, this is particularly useful as the low physical inhalation stress reduces the wearer's fatigue levels.

In re-useable applications, the low-inhalation effort results in the filters lasting longer, thereby representing increased cost-savings on replacement filters.

### Inhalation Resistance

Filters designed to enhance user comfort by lowering inhalation resistance.



## APPROVALS

Full Face Mask	EN136:1998
Half Mask	EN140:1998
Particulate Filters	EN 143:2000
Gas & Combined Filters	EN 14387:2004 + A1:2008

FILTER TYPE, CLASS & APPLICATION		P3R	A1	A2	ABE1	ABEK1	A1P3RD	A2P3RD	ABE1P3RD	ABEK1P3RD
Filter Type	Particulate	Gas	Gas	Gas	Gas	Combination	Combination	Combination	Combination	
Filter Class	P3	Class 1	Class 2	Class 1	Class 1	Class 1 P3	Class 2 P3	Class 1 P3	Class 1 P3	
Type A: Organic Gases & Vapour with a boiling point of >65°C		✓	✓	✓	✓	✓	✓	✓	✓	
Type B: Inorganic Gases & Vapours				✓	✓			✓	✓	
Type E: Acid Gases & Vapours				✓	✓			✓	✓	
Type K: Ammonia & Organic Ammonia Derivatives					✓				✓	
Particulate	✓					✓	✓	✓	✓	

## GET IN TOUCH

PureFlo respirators are among the highest-performing and most cost-effective protective systems available on the market today.

Our innovative range of respiratory protection systems have been developed with the user at their core, providing protection for personnel working in hazardous situations.

If you would like to arrange a demonstration of our products or a visit from a member of our team to discuss your needs, please get in touch.

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The PureFlo range of face masks are designed and built in the UK.





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