

EU Gas mask Vs Traditional

Are you department masks updated & compliant?

Gas masks have evolved significantly since the first M17 that contained chromium in the filters, a substance we now know to be a carcinogen. However, even though there were improvements in filtration, comfort, and seals, there are so many options available on the market today. With standards being implemented like CE/ EN 136:1998, most users were unaware that gas masks too must comply with international standards.

To help you make an educated decision, our Buyer's Guide will focus on protection, visibility, and hydration compatibility and the reduction of infectious contaminants the EU gas mask offers over others brands.

Overtime vapours attach to rubberised areas of the gas masks and if not decontaminated can lead to contamination issues and breathing concerns.

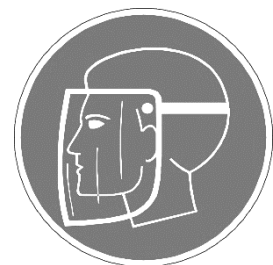
The development of EU Gas mask takes the very best from Military and tactical Gas masks brands and models, and incorporates the best breathing technology as used in Firefighting apparatuses which are world proven and tested too. This combination makes the EU Gas Mask unique and effective in any situation over its competitors.

Hence why gas mask manufacturers are moving towards the use of more polycarbonate and wider face sectioned gas masks, and reducing the amount of rubber used to eliminate the concerns raised by world health agencies.

Protection

The EU Gas mask is specifically designed to protect against specific agents. It provides protection against a host of toxic substances, In general, even those looking to buy a gas mask primarily for civil defence should invest in a military grade gas mask respirator like the EU Gas mask.

There are several important ratings and/or "seals of approval" to look for when evaluating the level of protection that a gas mask offers. CBRN masks will largely provide the highest degree of protection possible against chemical, biological, radioactive, and nuclear agents. Masks with a CBRN rating are verified and rate to provide protection against chemical, biological, radioactive, and nuclear agents for an 8-hour period.



There are other important ratings such as CBA, RCA, and even specialty ratings that delineate a mask or filter's ability to protect against a specific NBC or HAZMAT threat. Most of the ratings you'll find will specify the

mask's effectiveness against the four most known types of toxic agents: chemical, biological, radioactive, and nuclear.

In addition, the National Institute for Occupational Health and Safety (NIOSH) distinction is another "seal of approval" to look for, as well as CE/ISO International standards, which the EU Gas mask exceeds.

The EU Gas mask meets P100 rating is the best that NIOSH hands out to gas masks. Compare this to your current departmental mask.

These EU Gas mask specifications all lend considerable credibility to any gas mask you're looking at. As you might imagine, full-face respirators provide the highest degree of protection possible, which is why you'll see them in use with law enforcement, security, and military personnel.

Also older style masks have a higher use of rubber or silicone material, which requires pre and post cleaning procedures and maintenance. With most agencies it's found that this basic cleaning principles are not met and therefore compromise the effectiveness. The EU Gas mask is a simple one step cleaning process, unlike any other mask on the market pre 2022.

The contoured Filter cartridge compatibility is also important to consider when it comes to how much protection you're getting. The EU Gas mask accepts filters with a 40-millimeter NATO thread. This will give you the ability to choose from the widest variety of NATO filters available. Other thread options may limit the type of filters you can use with a certain mask.

Visibility

The EU Gas mask is one of a kind especially when it comes to firefighting, law enforcement, and military applications, a high degree of visibility and large field of view is evident when compared to other masks

Masks with singular lenses tend to provide the best clarity of vision and minimize obstructions to your peripheral vision. The EU Gas mask provides an additional 23% of active peripheral vision compared to any other mask.



In addition, the type of material that the lens or goggles of a mask is made with will affect the clarity of the mask, especially in adverse conditions. The EU Gas mask, has limited obstruction features somewhat less than one inch of your peripheral vision. In addition, the visor of the EU Gas mask is heat-resistant, at least to an appreciable degree.

Comfort

In a situation where a gas mask is in use, it's likely that you'll need to wear it for an extended period. The types of agents that gas masks protect you

from don't typically disappear in a matter of minutes. Because of the risk that you'll need to wear your gas mask on a prolonged basis, you want to make sure that the mask you choose is going to offer a comfortable fit.

When it comes to finding a comfortable gas mask, there are two features that you should pay attention to. The first is the mask's nose cup. This is the area that protects the mouth and nose. If it pinches your cheeks or presses on the bridge of your nose with too much force, that's simply not going to be comfortable for a long time. Transversely, if the nose cup doesn't provide a snug fit, then you put yourself at risk of exposure to potentially toxic agents. The firefighting features of the EU Gas mask eliminates older mask issues.



complete comfort

The second feature you should pay attention to when it comes to comfort is the straps. These are responsible for securing the mask to your head and making sure it fits tight enough to afford you the degree of protection you're searching for. But, just like with the nose cup, if these straps aren't adjustable enough to give you some freedom in terms of how the mask fits, you risk them being too tight and squeezing your head uncomfortably.

Durability

Another consideration when selecting a gas mask is how it will stand up to long-term use. Gas masks are deployed in some of the most extreme circumstances imaginable, so they need to be able to withstand those circumstances and come out on the other end ready to go for another round. What you really want to avoid is a gas mask that ends up being a "one-and-done" kind of purchase.

When you think about the durability of a gas mask, the main thing you'll look at is the materials used in its manufacture. The best materials for a high-performing gas mask are butyl rubber and silicone. These are the common materials used in the main structure of the best gas masks. When it comes to the lens, it's hard to beat the benefits of polycarbonate material, which is best to provide maximum visibility and protection EU Gas mask meets these criteria's.



Module B EU Type-Examination Certificate

For the requirements of PPE Regulation 2016/425

Certificate No.: CE-PC-210701-277-01-9A



Approved by Ireland Government as a Notified Body for CE Marking No 2834



CCQS Certification Services Limited

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If in any doubt about the integrity of this certificate, please contact CCQS by email to verify.

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Hydration and Communication Compatibility

When you're looking at gas masks, you'll also want to find an option that makes it easy to stay hydrated and to communicate with your team. In some masks, these features are a mere afterthought. However, if you find yourself in a situation where you need to wear your gas mask for a prolonged period, the ability to remain sufficiently hydrated while still protecting yourself against harmful agents will be essential. As such, we highly recommend finding a gas mask that can be used in conjunction with an approved drinking tube.



Additionally, all law enforcement, security, and military personnel are part of larger teams. These teams must be able to communicate effectively if they're going to perform their duties. Even if you're buying a gas mask for civil defence, the ability to still communicate once you put it on is vital. Some masks contain a voice amplifier or meter that helps you effectively communicate through them.



The EU Gas mask has a unique voice electroacoustic feature built in to the mask. Most attachment voice projection units over time are damaged and inoperable to the fact they may still use cell type batteries. The EU has a unique rechargeable port and has voice activation for MASK ON & MASK OFF so you will never go into a situation with drain the batteries.

Depending on your intended use, this can also be an important addition. Those who work in a team in which quick, effective communication is essential to success or survival should certainly have a gas mask with a voice amplifier or meter.

Non-hazardous material use

There have been environmental upgrades to hazardous and non-hazardous materials since the impact of the world crisis of available raw and pure materials.

In the past adhesives used by manufacturers may contained hazardous solvents and preservatives. Many adhesives used by some non-tested manufacturers were found to contain solvents that were toxic by inhalation and skin contact.



The EU uses a silica Gel formula, and has increased the polycarbonate wide view lens and lower section making the EU Gas mask mostly composed of polycarbonate thus reducing any risks to the users.

Why Chose an EU Tested Gas mask?

- The EU's best tactical/Law Enforcement/First Responders choice in gas mask
- Approved by a number of governmental entities worldwide.
- Complies with CE/EN/ISO International standards as set out by SAI Global Assurances Services Ltd.
- Compatible with NATO 40-millimeter filter cartridges
- Made with durable Silica Gel construction
- Designed for those who work with chemical and other toxic substances
- Comes with dual single/dual filter cartridge capacity
- Impact-resistant panoramic lens /Offers a flexible lens/ Scratch-resistant polycarbonate lenses
- High-density wide elastic straps
- Made for comfort
- 5-point harness
- Designed to fit virtually any face shape and size
- Designed for first responders
- Protects against certain chemical warfare agents
- Protects against industrial chemicals and particulates
- Made of butyl rubber
- Designed to protect law enforcement and military personnel
- Wider field of view
- Provides permeation-resistant construction
- Built-in speaking diaphragms
- Optional Voice Electroacoustic unit model inbuilt, rechargeable
- Compatible with weapon sights
- Makes it a great choice for tactical situations
- Contoured face seal
- Professional-grade materials
- High-quality
- Constructed to military specifications
- Includes an interior drinking tube
- Offers reduced breathing resistance



N.ATO SKU# **G-EU**



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