

SGE 400 / 3 GAS MASK

SGE 400 / 3 GAS MASK AIR PURIFYING RESPIRATOR SYSTEM

NIOSH APPROVED:

TC-84 A-4524
P100/OV/AM/CL/HC/MA/CS/CN

The SGE 400/3 Gas Mask System is a negative pressure full facepiece respirator with a SafetyTech International M96 filter cartridge. The low profile design features over 90% field of vision. The high impact face piece is ideal for tactical, SWAT, and riot response. The two side connections are 40 mm NATO standard threads and can accept any NATO approved filter canister. The facepiece is made with non-allergenic inner mask and surgical grade silicone rubber that may be worn continuously for up to five days.

FEATURES:

- High-quality chemical resistant materials
- Low profile permits ease of weapons sighting
- Fast donning time
- Adjustable six-point head harness facilitates tight, comfortable fit
- Excellent field of vision >90%
- Rugged impact resistant design is ideal for riot control
- Speech diaphragm provides clear communication
- Weight (Regular) <625g, <950g w/Safety Tech International M96 cartridge
- 10 year Safety Tech International SGE400/3 facepiece shelf life
- 5 year Safety Tech International M96 Cartridge shelf life
- Inner mask design reduces CO₂ - content to <0.7%
- Low exhalation resistance
- Optional spectacle frame for prescription lenses

APPLICATIONS:

- Tactical
- SWAT
- Riot Control

NIOSH APPROVED* SYSTEM:

* NIOSH Approval is given only if the system is purchased directly from the NIOSH approved entity. Individual parts cannot be purchased from other companies and assembled without voiding the NIOSH approval.

M-40033-001 SGE 400/3 Full Facepiece Air Purifying Respirator System w/ M96 Cartridge

M-70017-001 SGE Spectacle Frame - Optional Spectacle Frame for Prescription Lens Wearers

Note: SafetyTech International can recommend a prescription lens partner to fill prescriptions and forward the compatible frames to you. Please have your doctor include pupil distance for correct positioning of the center of each lens.



BENEFITS:

Impact Protection:

The impact-resistant facepiece of the SGE 400/3mask is made of a strong, rigid and transparent polycarbonate. The coated facepiece is scratch and chemical resistant and strong enough to provide eye and full facial protection against violent impacts and missiles such as projectile fragments or stones. It is impact resistant when subjected to the impact of a 1/4" steel sphere traveling at a velocity of 500 fps.

Heat Protection:

The mask is flame resistant and heat radiation resistant. It does not melt or catch fire when tested according to EN136 specification and the German fire-brigade radiation test. (800 C° for 5 sec. / 200 C° for 6 minutes).

Wearer Comfort:

The supple bellows-type structure of the SGE 400/3 face seal adjusts easily to most facial shapes to facilitate a safe and comfortable seal.

Anti-Fogging Design:

Fogging of the facepiece can be dangerous and threatens mission success. The internal nose and mouthpiece allow inhaled air to pass through the visor without causing condensation or misting. It also reduces unused space inside the mask to prevent the buildup of carbon monoxide.

Speech Device:

In tactical situations, clear communication with team members, perpetrators suspects or victims is critical. Instead of the usual closed metal or plastic membrane, the SGE speech device consists of an open circular membrane which also acts as an exhalation valve. The speech device is also the exhalation valve. Externally the valve is fitted with a stiff, dome shaped element, which protects the membrane, while allowing exhaled air to escape. The dome shaped element is to maintain a sufficient volume of uncontaminated air in constant contact with the membrane. This membrane allows sound waves to be released together with the exhaled air. Once they have passed the membrane they are channeled by a conveying cone. It guarantees good sound transmission and eliminates the typical distortion of closed membranes.

EN-136 Standards Approval:

The SGE 400/3 conforms to European Standard EN-136. Only screw filters are used that conform to European Standard EN-148 part 1.

EC (European Community) Mark of Approval:

The mask conforms to EEC directive 89/686