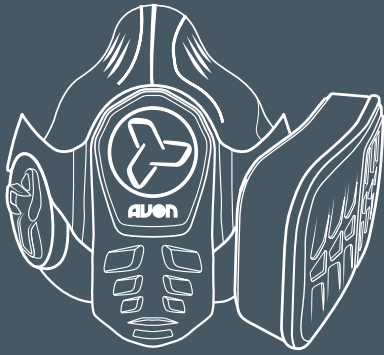




MITR™ -M1

MISSION-DRIVEN RESPIRATORY
PROTECTION



EMBRACING HERITAGE, PIONEERING FUTURE PROTECTION

With our long-standing heritage in defense, safety, and innovation, Avon Protection proudly introduces the Modular Integrated Tactical Respirator (MITR™-M1).

Designed with precision in both the United States and the United Kingdom, the MITR-M1 represents a new benchmark to our commitment for providing advanced, reliable protection solutions across global markets.

The MITR-M1 bridges the gap between single-use masks and full-face respirators, offering scalable protection for low to mid-level threat environments. This versatile respirator is designed for diverse operational demands with a modular design that ensures adaptability. Compact and concealable, it is ideal for swift deployment in tactical scenarios from routine patrols to high-risk interventions.

MITR™-M1 HALF MASK

MITR™-PG1
Powered Goggle in development



Chinstrap integrates with helmet so no need for a helmet chinstrap extender.



Integrated utility port provides the capability to seamlessly connect communications equipment.

MITR™-M1 FEATURES AND BENEFITS



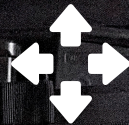
Compact Comfort

- Material selected for superior comfort and durability
- At 250g / 0.5lb, it is lighter than other half masks, even with the filter attached
- The ergonomic nosecup accommodates a diverse range of face shapes
- Available in three sizes to ensure a safe and comfortable fit for all users
- Optimized to minimize user-fatigue for prolonged use
- Integrates with helmet rails and does not require chinstrap extender



Rapid Deployment, Easy Storage

- Low-burden design ensures it is lightweight and easy to carry
- A retention system designed for rapid donning and doffing
- Designed to be donned without removing helmet to ensure user safety is not compromised
- Easily fits in a gear pouch or cargo pocket for convenient storage
- Quick-clip helmet integration straps ensures for rapid use



Tactical Advantage

- The curved, flush cheek design enhances comfort and compatibility with other tactical gear
- Customizable filter placement allows for uncompromised weapon sighting
- Streamlined filter design provides a low-profile fit and reduces risk of snagging
- Maintains breathing efficiency through optimization of breathing resistance, even during stressful and hot conditions
- A high-performance facial seal ensures a secure fit and optimal protection



Optimized to Protect

- Optimized to allow for effective use in extended operations
- MITR-PF Compact Particulate Filter incorporates a low-profile, high-efficiency pleated element
- A 99.97% filtration efficiency removes oil- and water-based particulates, very fine dust and viruses



Built to Last

- Ruggedized to withstand knocks and bumps in the field
- Maintains effectiveness and reliability for operational longevity

COMING SOON!

The MITR-M1 half mask and MITR-PF Compact Particulate Filter are the first parts of the modular MITR™ System that offers enhanced capabilities. The system will soon include the MITR-RF Riot Filter, helmet integration straps and the MITR-PG1 Powered Goggle, which will revolutionize ocular protection through advanced de-fogging capabilities.



HELMET INTEGRATION



The MITR quick-clip retention system has been designed to allow direct attachment to a wide range of ballistic/non-ballistic helmet rail systems.



The MITR-M1 half mask has been designed to be donned/doffed without needing to remove your helmet and other protective equipment, ensuring that the wearer always remains protected.

TECHNICAL DATA

SPECIFICATIONS	
Mask Size	113 x 148 x 95mm / 4.45 x 5.83 x 3.74in
Filter Size	118 x 75 x 30mm / 4.65 x 2.95 x 1.18in
Mask with Filter Weight	250g / 0.5lb (typical)
Filter Attachment	Bayonet
Filter Color	Black
Filter Breathing Resistance	11mm H ₂ O @ 85L/min (typical)

FILTER EFFECTIVENESS

The MITR-PF Compact Particulate Filter is self-certified for use as part of the MITR modular protection system.

The MITR-PF Compact Particulate Filter delivers particulate protection efficiencies greater than 99.97% against oil- and non-oil-based contaminants. Particulates protected against include pharmaceutical agents, biological agents, and other particulates. Examples are listed in the table below.

Pharmaceutical Agents	Biological Agents	Other Particulates
Acetylfentanyl	Anthrax	Asbestos
Carfentanil	Brucella	Firearm lubricants
Fentanyl	Ebola	Metal Fumes
Illicit drugs particulates	Mold	Munitions residue including antimony, barium, copper, lead, and zinc
Methamphetamine	Ricin	Radiological and nuclear particulates
Opioids	Smallpox	Smoke particulates

The MITR-PF Compact Particulate Filter is a particulate only filter and will not protect against gases or vapors. Not for use in oxygen deficient or enriched environments.

Item	Part Number
MITR™-M1 PACKED, SMALL	608126
MITR™-M1 PACKED, MEDIUM	608125
MITR™-M1 PACKED, LARGE	608124
MITR™-PF 2-PACK	608127

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