

M120 CBRN GAS MASK SYSTEM

SAFETYTECH INTERNATIONAL M120 CBRN GAS MASK SYSTEM

The SafetyTech International M120 CBRN-approved facepiece offers a new generation in gas mask protection. It is engineered for maximum comfort and excellent permeation resistance to a wide variety of toxic materials and chemical, biological, radiological and nuclear (CBRN) agents, but when combined with SafetyTech International's 40mm cartridges, it is usable everyday. No other CBRN gas mask offers a wider range of applications, from CBRN protection to riot control to HAZMAT response.

TECHNICAL DATA AND MANUFACTURER CERTIFICATIONS (FACEPIECE):

- Facepiece:**
- Lens Material: Hard Coated Polycarbonate
 - Head Harness: EPDM
 - Facepiece: Halobutyl
 - Nosecup: Silicone
- Weight:**
- Mask w/ canister: 860 grams (1.9 lbs.)
 - Mask only: 460 grams (1.01 lbs.)
- Canister:**
- Weight: 410g (0.9 lbs), Weight in Packaging: 550g (1.2 lbs)
 - Height: 4.11 inches (10.4cm)
 - Diameter: 4.33 inches (11.0cm)
 - Housing Material: Polyamide
 - Packaging Material: Polypropylene w/ a magnetic induction seal.
 - Shelf-life: 7 years stored in original packaging
- Approvals:** NIOSH CBRN APR Negative Pressure full facepiece
Cap-1 Approval TC-14G-0283



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FEATURES:

- Five-point, easily adjustable head harness for quick and easy donning.
- EPDM molded head harness for easy cleaning and decontamination.
- Wide full-face lens provides unobstructed field of vision and enhanced peripheral vision.
- Hypoallergenic, halobutyl material provides maximum user comfort and excellent resistance against CBRN agents and toxic materials.
- CBRN-approved when used with SafetyTech International's CBRN Cap-1 Canister.
- NIOSH 42 CFR approved when used with SafetyTech International, GME Multi Gas, or P100 Cartridge.
- Available in two sizes to ensure users excellent permeation protection and comfort.
- Hard-coated, impact-resistant polycarbonate lens resists scratching.
- Soft, clear silicone nose cup minimizes lens fogging by directing the airflow over the lens while providing a comfortable fit.
- Dual 40mm canister ports allow for canister to be mounted left or right side for proper weapon sighting.
- Built-in, high efficiency speech diaphragm provides superior personal communications.

M120 PART DESCRIPTIONS AND ORDERING INFORMATION

Part Number	Description
Masks:	
13033	M120 CBRN Single Lens Facepiece, Medium/Large Size
13034	M120 CBRN Single Lens Facepiece, Small Size
N-60185-001	M120 Kit (includes One Medium/Large Size M120 and One CBRN Canister)
N-60184-001	M120 Kit (includes One Small Size M120 and One CBRN Canister)
Canisters:	
45161	CBRN Cap-1 Canister
Accessories:	
12798	Spectacle Kit

M120 CANISTER TEST CHALLENGE AND TEST BREAKTHROUGH CONCENTRATIONS*

	Test Concentration (PPM)	Breakthrough Concentration (PPM)
Ammonia	2500	12.5
Cyanogen Chloride	300	2
Cyclohexane	2600	10
Formaldehyde	500	1
Hydrogen Cyanide	940	4.7(1)
Hydrogen Sulfide	1000	5.0
Nitrogen Dioxide	200	1 ppm NO ₂ or 25 ppm NO(2)
Phosgene	250	1.25
Phosphine	300	0.3
Sulfur Dioxide	1500	5

(1) Sum of HNC and C₂N₂.

(2) Nitrogen Dioxide breakthrough is monitored for both NO₂ and NO. The breakthrough is determined by which quantity, NO₂ or NO, reaches breakthrough first.

* Time for breakthrough for CBRN APR negative pressure is a minimum of 15 minutes.