



KIMI PLUS

Chemical Escape Mask (ABEK1)



Easy to Access

Small size and weight	Compact and portable takes up minimal space for easy storage
Designed to always be within easy reach	Designed for comfortable storage on an inside suit or coat pocket or purse, or on a work utility belt
One size fits all	Easy to distribute, conveniently accommodates all head sizes, comfortably fits over beards, long hair and glasses

Easy to Use

No advanced training required	Package label contains simple instructions for easy use
Pre-assembled and ready for use	Hassle free and user friendly , no assembly required before use
Easy to slip on in seconds	Highly elastic and resilient latex hood can be easily enlarged up to 8 times for simple donning

Immediate Protection

No need for additional straps or adjustments	Seals quickly at the neck to provide immediate protection within seconds
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Easy Navigation

Designed for physiological comfort	Minimal "dead" space prevents build up of heat, vapors and CO2 inside the mask
Breathe with ease	High-efficiency, electrostatic particle filter, with extremely low pressure-drop enables easy breathing
Easy to communicate	Exclusive Multi-Valve breathing device (patent pending) enables easy communication
Easy orientation	Wide field of view, visor with transparent film enables up to 95% light transmission

Complete Protection

Complete protection from toxic gases	State-of-the-art filtration unit contains multi-layer activated impregnated charcoal for maximum absorption
Durable, fire resistant, flame retardant	Polychloroprene latex hood resists temperatures up to 200°C, meets fire resistance requirements of NFPA 701, visor resists temperatures up to 150°C



Duram Mask, for your peace of mind

Duram Mask, a leading manufacturer of quality personal escape masks, providing innovative solutions to the transportation, defense, chemical, oil, gas and mine industry since 1989.

Simple solution, powerful protection

Duram masks combine small size and weight for easy access, functional design for easy use with a high efficiency multi-layer filter, elastic hood and large visor for maximum protection in an instant.

Safeguard yourself with a Duram Mask; you can never be too prepared.

KIMI PLUS Chemical Escape Mask (ABEK 1)



The KIMI PLUS mask provides users with short-term respiratory protection during situations involving chemical spills and chemical warfare. The KIMI PLUS protects against organic gases and vapors with a boiling point higher than 65°C, certain inorganic gases and vapors, Sulfur Dioxide and other acidic gases and vapors, Ammonia and Ammonia derivatives. The KIMI PLUS contains an ABEK 1 gas filter and low pressure-drop electrostatic particle filter. The KIMI PLUS mask meets the ABEK 1 requirements.

The KIMI PLUS has been custom crafted to meet the needs of the following industries:

- Oil , gas and mining
- Chemical and petrochemical
- Defense

TECHNICAL DATA

Hood:

Special Polychloroprene Latex compound.
 Elongation at break > 700%
 Tensile strength > 150 kg/cm²
 Temperature resistant 200°C
 Fire-resistant to the requirements of NFPA 701.

Visor:

ETFE film – a copolymer of Polytetrafluorethylene + Ethylene monomer
 Tensile strength 50 N/mm²
 Elongation at break: 450%
 Tear resistance: 500 N/mm
 Temperature resistance: 150°C
 Flame retardant: UL 94 V-0
 Light transmission: > 95%



Filter Performance

Type / Class	Test Gas or Vapor	Test Gas Concentration (ppm by volume)	Breakthrough conditions	
			Breakthrough Concentration (ppm by volume)	Minimum life (min).
A ₁	Carbon tetra-chloride (CCl ₄)	1000	10	80
B ₁	Chlorine (Cl ₂)	1000	0.5	20
	Hydrogen Sulfide (H ₂ S)	1000	10	40
	Hydrogen Cyanide (HCN)	1000	10	25
E ₁	Sulfur Dioxide (SO ₂)	1000	5	20
K ₁	Ammonia (NH ₃)	1000	25	50
Aerosol		Filter Efficiency (%)	Flow Rate (LPM)	
NaCl (salt)		>99.997	30	

Filter Assembly:

Two canisters containing:

- ABEK1 Gas Filter
- Electrostatic particle filter

Breathing device

A device combining two valves for exhalation and inhalation + a soft mouthpiece, all in one unit.

General:

Approximate (package) dimensions: 6.5x12x14 cm

Approximate (package) weight: 400 gr



DURAM MASK 
PERSONAL ESCAPE MASK

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