



Self Rescue Solutions

The next life you save could be yours

CHEMBAYO

Chemical / Biological Escape Mask



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.

CHEMBAYO Chemical / Biological Escape Mask



A personal respiratory protective device intended for self-rescue during emergency situations where hazardous fumes and gases are present. The Chembayo mask provides users with short-term respiratory protection against low concentration chemical or biological agents. The Chembayo has been expertly crafted to meet the needs of the following industries:

- Defense and military
- Chemical and petrochemical
- Emergency services / first responders
- Law enforcement agencies

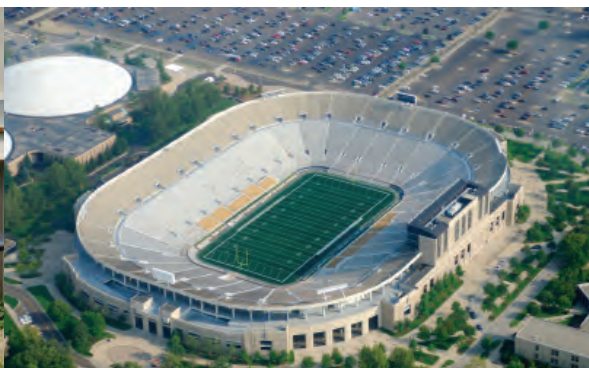
TECHNICAL DATA

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

Chemical	Concentration (mg/m ³)	Flow Rate (liter/min.)	Breakthrough Time (minutes)
Cyanogen Chloride (CK)	100	30	>15
Dimethyl Methyl Phosphonate (DMMP)	250	30	>15
Aerosol	Filter Efficiency (%)	Air Flow Resistance	Flow Rate (Liters/min.)
NaCl (salt)	99.97	117	95

Storage and carrying

The mask is stored in a personal carrying pouch.
Option for storing 3-4 masks in a wall mounted box.

Filter Assembly:

Multi-Layer filter includes the following:

- External polyester screen, fire resistant to the requirements of NFPA 701
- Electrostatic + melt blown combination high efficiency particle filter (HEPA)
- Activated charcoal cloth with special impregnation against acidic gases
- Plain charcoal cloth against organic gases
- Soft inner pad of non-woven material

General:

Approximate (package) dimensions: 19x15x4 cm

Approximate (package) weight: 190-200 gr



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