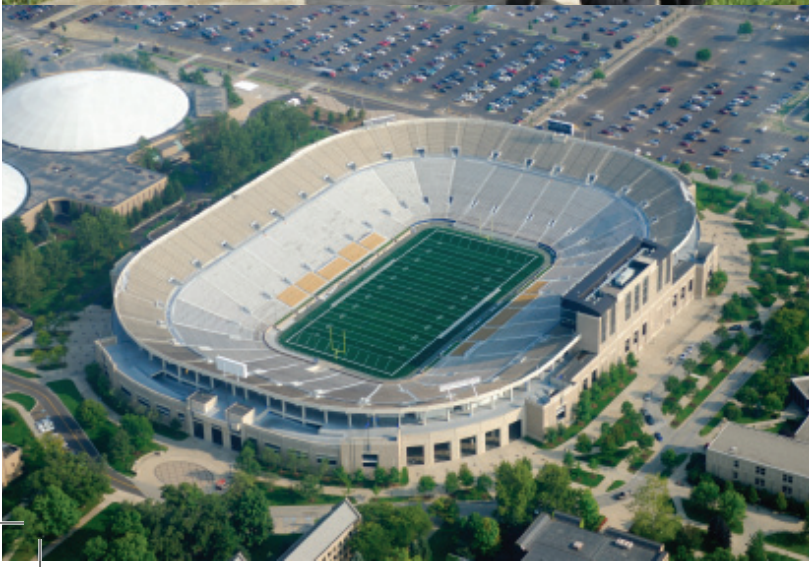


DURAM MASK 
PERSONAL ESCAPE MASK

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 |
|--|--|

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

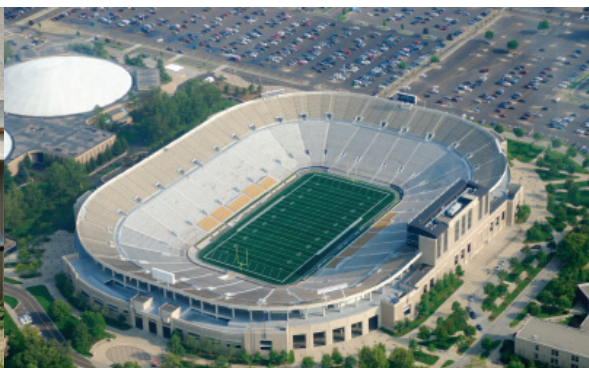
TECHNICAL DATA

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



DURAM MASK 
PERSONAL ESCAPE MASK

Duram Mask A.C. Ltd.
Kibbutz Ramat-Hakovesh
44930, Israel

Web: www.durammask.co.il
Email: info@durammask.co.il
Phone: +972 9 7474458 / +972 9 7474626
Fax: +972 9 7474479