



Self Rescue Solutions

The next life you save could be yours

COGO

Smoke Escape Mask (EN 403)



Easy to Access

Small size and weight	Compact and portable takes up minimal space for easy storage
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
COGO - Complete protection from smoke and Carbon Monoxide	State-of-the-art filtration unit contains multi-layer activated impregnated charcoal for maximum absorption and catalyst for Carbon Monoxide Oxidation



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.

COGO Smoke Escape Mask (EN 403)



A personal respiratory protective device intended for self-rescue during emergency situations where smoke and hazardous fumes are present. The COGO provides users with short-term respiratory protection against smoke and Carbon Monoxide (CO) inhalation and filters the following gases: HCl, HCN and Propenal. The COGO mask complies with European Standard EN-403 and CE mark. The COGO has been custom crafted to meet the needs of the following industries:

- Chemical and petrochemical
- Emergency services / first responders
- Law enforcement agencies
- High-rise office/residential developments
- Hospitals
- Hotels

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%



Performance test data

Test Gas	Gas Concentration (ml/m ³)	Flow Rate (l/min)	Breakthrough Criteria (EN 403)	Breakthrough Time
Propenal (Acrolein)	100	30	> 15 min (at 0.5 ml/m ³)	20 min
Hydrogen Chloride (HCl)	1000	30	> 15 min (at 5 ml/m ³)	> 15 min
Hydrogen Cyanide (HCN)	400	30	> 15 min (at 10 ml/m ³)	> 15 min
Carbon Monoxide (CO)	10,000	30	Total amount of CO penetrated during 15 min < 200 ml	33 ml during 15 min

Test	Requirement (EN 403)	Test results
Particle filter penetration	< 6%	< 1.3%
Inhalation resistance	< 8 mbar	3.6 mbar
Exhalation resistance	< 3 mbar	1.1 mbar
CO ₂ Content of inhalation air	< 2.0%	< 1.9%
Protection factor	> 50	> 50

Filter Assembly:

Two canisters containing:

- Electrostatic particle filter
- Layers of impregnated activated charcoal cloth
- Catalyst
- Desiccant

Breathing Device

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

General:

Approximate (package) dimensions: 10x12x14 cm

Approximate (package) weight: 650 gr



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