



SCape® CBRN³⁰
Air Purifying Escape Respirator

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The only NIOSH approved Air-Purifying Escape Respirator with a powered ventilation system

When the safety of your coworkers depends upon your knowledge and expertise, you want a solid tradition of proven protection on your side.

In the event of an emergency, there's no time for confusion. Simply remove the SCape® hood from its protective container and slip the self-sealing neck dam over the head. The positive-flow ventilation system automatically activates and its clear hood allows the user to perform a wide range of critical tasks, such as using a cell phone or other communication device. SCape® CBRN30 system does all of the work and allows you to take control of the situation.

Trusted for protecting thousands on the battlefield and astronauts in space, ILC Dover continues to lead the way in personal protection for hostile environments.

**QUICK & EASY
TO DON**



FILTER DATA

SCape® CBRN System Level Agent (SMARTMAN)

SCape® CBRN Chemical Test Agents (Filter Gas Life)

Test Agent	Challenge Concentration	Service Time
Mustard (HD) Vapor	50 mg/m ³	>30
Mustard (HD) Liquid	0.43-0.86 ml	>30
Sarin (GB) Vapor	210 mg/m ²	>30

Test Agent	Challenge Concentration	Allowable Breakthrough	Service Time (min)
Ammonia [NH ₃]	1250	25 ppm	>30
Benzene [C ₆ H ₆]	1000	1 ppm	>30
Chlorine [Cl ₂]	1000	5 ppm	>30
Cyclohexane [C ₆ H ₁₂]	1300	10 ppm	>30
Hydrogen Chloride [HCL]	500	5 ppm	>30
Hydrogen Cyanide [HCN]	470	10 ppm	>30
Hydrogen Fluoride [HF]	70	3 ppm	>30
Hydrogen Sulfide [H ₂ S]	500	30 ppm	>30
Phosgene [COCl ₂]	125	1.25 ppm	>30
Sulfur Dioxide [SO ₂]	750	5 ppm	>30

Safely and quickly maneuver out of a dangerous situation.

- **Integral Blower with Automatic Actuation** – improves protection and low breathing stress supports broad range of wearer fitness profiles
- **Panoramic Field of View** – aids safe escape
- **30 Minutes of Continuous Protection** – against chemical warfare agents, toxic industrial chemicals, and biologics
- **No Nosecup or Mouthbit** – eases communication and user recognition
- **Single Size** – reduces logistics burden



Supplemental Chemical Testing

Test Agent	Challenge Concentration (ppm)	Allowable Breakthrough (ppm)	Service Time (min)
Acetic Acid	1000	5	>30
Acrolein	100	1	>30
Acrylonitrile	1000	10	>30
Benzene	1000	1	>30
Boron Trifluoride	100	5	>30
Chlorine	1000	5	>30
Chlorine Dioxide	1000	2	>30
Fluorine	100	5	>30
Hexane	2000	10	>30
Hydrogen Chloride	500	5	>30
Hydrogen Chloride	70	3	>30
Nitric Acid	100	2	>30
Toluene	1000	10	>30



BEYOND BOUNDARIES™

Innovators at our core, we develop engineered flexible protective solutions that improve efficiency while safeguarding people, product, and infrastructure in hazardous conditions.

ILC Dover is a world-leader in the innovative design and production of solutions for biopharmaceutical, pharmaceutical, medical device markets as well as a leading supplier for the (aero)space industries. Our customers will attest to our relentless dedication to high value products, advanced technology, and responsive service, as our visionary solutions have improved efficiency while safeguarding people, product, and infrastructure in hazardous conditions through flexible protective solutions since 1947.



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