

## *HURRICANE SUIT<sup>TM</sup>*

### Key Features:

- 33 CFM Air Flow!
- 8 Mil PVC Bag Suit With Draw String
- Reinforced Herculite Knees
- 15 Minute Battery Charging
- HEPA Filtered Air
- Integrated Booties
- No Hoses
- Available in Several Sizes



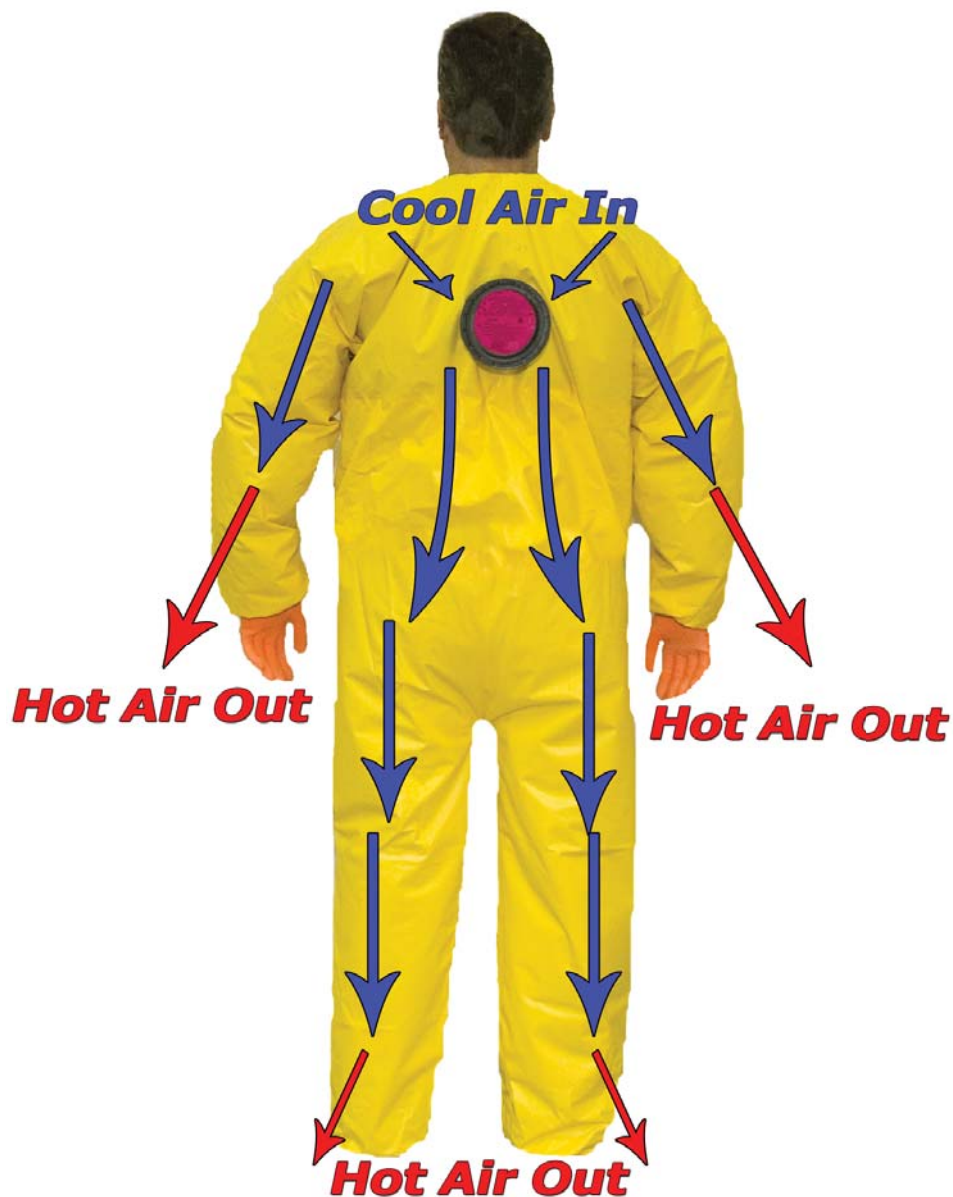
Blower Unit and Battery Belt

33 CFM of air is blown into the suit to push out the heat buildup. The suit's blower weighs in at less than 2 lbs. A battery power belt delivers power to the system for three to six hours. Ultra fast 15 minute battery charging!



High Flow Exhaust Valve

High flow exhaust valves are located in both arms and legs. The exhaust valves feature integrated splash covers.



Radium Incorporated (Radium) set out on a mission to develop the ultimate personal cooling system for the nuclear power industry worker. For decades, nuclear workers had no choice but to wear anti-contamination suits that were extremely hot and did not provide adequate protection from rips and tears. Radium has developed a ruggedized suit with a patent pending cooling system that pumps a large volume of filtered air (HEPA) into the suit while forcing the hot air out. The system provides true worker mobility that does not require any hoses and/or external air sources. The suit can be worn by workers that wear respirators, powered air visors, and/or any non-back mounted respiratory protection device.

The Hurricane<sup>TM</sup> line of products features well engineered, innovative solutions for real-world problems.

**Suit Testing Information:**

The suit material has been tested extensively to ensure that it meets or exceeds the requirements outlined in LP-375D; Federal Specification for Plastic Film, Flexible, and Vinyl Chloride for:

- Thickness
- Bondability
- Tensile strength
- Ultimate elongation
- Elmendorf tear
- Pinholes
- Clarks stiffness
- Extraction in soapy water
- Blocking
- Volatility
- Weather resistance
- Cold cracks
- Lacquer lifting
- Crocking
- Dimensional stability

Flammability testing of the material has also been performed to ensure that it meets or exceeds the requirements outlined in NFPA-701; Standard Methods of Fire Tests for Flame Propagation of Textiles and Films Standard Methods of Fire Tests for Flame Propagation of Textiles and Films .

A chemical analysis for water extractable halogens such as fluorides, chlorides, bromides, and sulfur is also performed on the material.