



ANTI-CONTAMINATION SUITS



DESCRIPTION

Encapsulating, one-piece, single use, supplied-air, positive pressure bubble suit with either remote or portable ventilation.

FEATURES & BENEFITS

Materials & Design

- PVC, PU or vinyl acetate (available with fire-retardant treatment).
- Vinyl acetate suit can be incinerated.
- Reinforced elbows, knees and crotch for increased durability.
- Dual zipper system - metal zipper plus a PVC zipper - provides mechanical strength and gas and liquid impermeability.
- Transparent PVC hood with distortion-free visor gives 180 degree field of vision.

Ventilation

- Air flow is adjustable from 19 to 43 cfm to adapt to different cooling and breathing needs.
- Integrated manifold system distributes air throughout the suit to remove metabolic heat and keep visor from fogging.
- Useful for work in hot environments (approx. 100°F) such as Steam Generator Platform, Rx Cavity, CRD and under vessel activity.
- Manifold system maintains low noise levels: <78 dBA at 43 cfm.
- Two patented exhaust valves prevent suction of contaminants in case of loss of supplied air or if certain body movements create a sudden negative pressure.

Comfort and Ease of Use

- Ease of donning and doffing.
- Available with portable fan and filters for situations where a supplied-air line is impractical.
- Integrated overshoes and PVC gloves make suiting up easier and eliminates potential leakage points.
- Available in six sizes.
- Lightweight (32 oz).

Contamination Protection

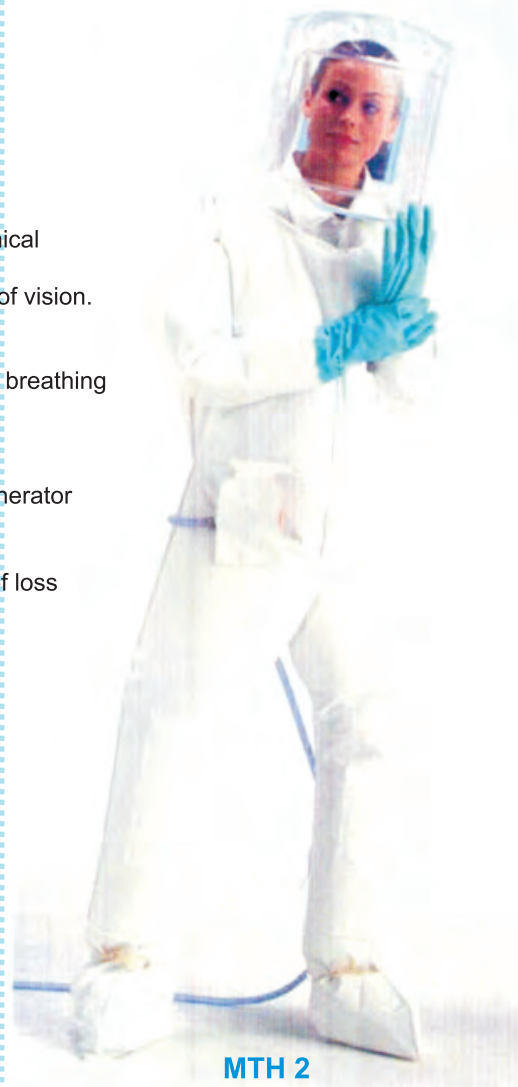
- Air-borne Protection Factor in excess of 80,000 for flow-rates from 500 L/min to 1000 L/min.
- Protection from Discrete Radioactive Particles (DRP).

Safety Features

- One to three minutes of breathable air in suit in case of failure of air supply.
- Tear-away strip running from wrist to wrist permits emergency doffing of suit in less than 5 seconds.
- Dedicated rescue personnel are not required.

Approvals

- Has been tested and certified to EN 1073-1 "EUROPEAN STANDARD FOR SUPPLIED AIR SUITS"
- NRC approval granted to Duke Power Co. for use of V4 F1 and V4 MTH2 models with Protection Factor 2000.



MTH 2