

FRONTAIR 2 PARTICULATE SUIT



RESPIREX

Nuclear

Pharmaceutical

The Frontair 2 one piece suit is a single use garment that provides the highest level of protection against particulate contamination.

- Manufactured in flame retardant, blue tinted, anti-static PVC
- Designed for use with breathable air supplied from an external compressed air source providing positive pressure
- Air dissipation system completely contained within the garment that provides breathing and cooling air to the user
- Removable 360° swivelling airline system with adjustable waist belt
- Internal waist belt supports both the airline and the air distribution system, and also holds the suit in the correct wearing position
- Permanently attached PVC gloves
- Anti-slip feet with ankle ties
- Reinforced knee and elbow pads
- Rear entry with double zip flap
- Six exhalation valves fitted with covers
- Evacuation tear off strip across the chest of the suit
- Clear visor with horizontal and vertical fields of vision
- Clear dosimeter window
- The air system is fitted with a variable flow control valve that can be adjusted by the wearer

Specifications

Required Airflow: 265 l/m (min) to 600 l/m (max)

Suit available in either anti-static 150 micron or 300 micron unsupported PVC, highly chemical resistant barrier laminate or thermoplastic polyether based polyurethane film (TPU). Anti-static properties are in accordance with EN1149-1:1996

Sizing

	Small	Medium	Large	X-Large	XX-Large
Height (cm)	164-170	170-176	176-182	182-188	188-194
Chest (cm)	88-96	96-104	104-112	112-124	124-136

Options

- Blower assisted emergency escape system
- Emergency breather attachment (P3 filter not supplied)
- Welders version
- Fall arrest version

Air Supply

The air flowing into the garment must conform to EN 12021:1999 Annex A. In the event that partial contamination may exist in the factory ring main from which the suit draws its air supply, a Respirex in-line filter unit should be fitted to the air system; this will prevent the ingress of contamination down to 5 microns in size from entering the garment.

Protection



EN1073-1:1998

The suit provides a class 5 (50,000) nominal protection factor according to EN1073-1:1998.



Flow Control Valve



Anti-Slip Foot

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