



Petrochemical    Pharmaceutical

The Respirex Simplair A.E. Blouse is designed for use with breathable air supplied by an external compressed air source and provides chemical protection to the upper body.

- Provides partial body protection and is designed to be worn in conjunction with other suitable items of protective clothing
- Air system contained within the blouse provides breathing and cooling air to the wearer with an audible warning device designed to activate if the airflow drops below the minimum level required to keep CO<sub>2</sub> levels below 1%
- Available in a range of chemical resistant fabrics
- Air system is supported by an adjustable waist belt, fitted with a foam back pad for maximum wearer comfort
- Exhalation valves ensure that the pressure change within the blouse does not exceed 1mbar in 1 minute
- A durable rigid PVC visor giving a high degree of undistorted vision, with optional removable visor, or a lightweight, totally transparent PVC hood enabling 360° vision
- Gloves compatible with the blouse material are fitted by means of the Respirex locking cuff enabling simple glove replacement and providing a gas tight seal
- Size 10 gloves fitted as standard (other sizes on request)
- Optional three point hanging system which helps prevent distortion during storage

### Options

- In-line 5 micron filter

### Specifications

Required Airflow: 270l/m (9.53 cfm) (min) - 340 l/m (12.01 cfm) (max)

### 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



EN270:1994

Respiratory protective devices

EN467:1995

Protective clothing providing protection to parts of the body against liquid chemicals



*Specifications, configurations and colors are subject to change without notice.*