

FLO-POD™ SUIT

CHEMPROTEX™ 300



RESPIREX™

Healthcare

Pharmaceutical

A single use one piece suit incorporating the Flo-Pod™ powered respirator and P3 filter with a large visor for excellent all-round visibility.

- Manufactured in Chemprotex™ 300 material for excellent chemical, particulate and infective agent protection
- Elasticated draw-string neck seal
- Horizontal zip on chest, with cover-flap
- Low pressure, balanced exhalation valves, developed for maximum protection
- Available in Small, Medium, Large and X-Large sizes
- Range of cuff and foot options:
 1. Suit with elasticated arms and legs
 2. Suit with welded gloves and anti-slip foot
 3. Suit with welded gloves and sock foot
- Flo-Pod powered respirator mounted in the visor provides filtered air to the suit hood and allows user to easily see any warning indicators (low-flow rate, low battery etc) - see over for full details on the Flo-Pod™
- Belt mounted battery pack worn inside the suit

Certification:

EN 12941:1998 +A2:2008
Respiratory protective devices
APF 40, NPF 500

Material Resistance:



EN 14126:2003
Protective Clothing Against Infective Agents



FINABEL 0.7.C
Chemical Warfare Agents



EN 1149-5:2008
Antistatic Protective Clothing







Flo-Pod Powered Respirator

The Flo-Pod™ is a simple to use powered air respirator for use against fine dust or particulate spray. Powered by a belt mounted rechargeable battery pack the Flo-Pod™ is designed to fit directly into the visor of compatible suits and hoods, allowing the user full operational freedom.

Designed from the outset to be comfortable and simple to use, the Flo-Pod™ requires little familiarisation prior to use and is lightweight and quiet in operation.

User Benefits

- More comfortable than a facemask and filter
- Can be worn by users with glasses or facial hair
- Wide field of vision
- Lightweight blower and battery for greater comfort than conventional powered respirators
- Available as an easy don hood, or full suit for whole body protection
- Easy and intuitive to use:
 -  Green light; respirator operating correctly
 -  Red light and audible alarm; low air-flow or low battery power

Features & Benefits


- **No user calibration required** - Flo-Pod™ performs a full self-test on startup
- Standard and intrinsically safe models available
- Four- or eight-hour rechargeable battery pack with fast charger
- Uses single P3 screw on filter
- Low-flow warning if airflow drops below the Manufacture's Minimum Design Flow (MMDF) of 130 L/min
- Noise level at the ear 68dBA with a clean filter
- EMC tested for compatibility with other electrical equipment
- Intelligent fast charger prevents battery overcharging or damage (charging in up to three or six hours depending on battery model)
- Low battery warning

Highly effective particulate filtration


- P3 Particle filter traps solid and liquid particles, e.g. dusts, smoke, mists, micro-organisms and radioactive particles
- Uses microfibre 'paper' media without any electrostatic filtering method. Marked 'R' for "reusable" (EN 143/A1:2006)
- High capacity filter element removes even the smallest particles with >99.99 % efficiency
- Water-repellent (hydrophobic) filter element

Intrinsically Safe Models

Intrinsic safety (IS) is a protection technique for safe operation of electrical equipment in places where concentrations of flammable gases, vapors, or dusts occur by limiting the energy available for ignition. The Respirex Flo-Pod™ IS powered respirator is designed specifically for use in environments where there is the potential for explosion and is IECEx and ATEX certified.

Only Intrinsically Safe Flo-Pod™ IS units should be used in such environments and they are clearly marked with the  (ATEX) logo to differentiate them from the standard product.

ATEX Classification:

 II 1G 2D

The IS Flo-Pod™ is classed as non-mining equipment, with a high protection category for Gas and Dust.

Certification:

Ex ia IIB T3 Ga
 Ex ia IIIB T175°C Db IP2X
 Tamb -10°C to +40°C

Specifications, configurations and colours are subject to change without notice.