

# MICROGARD® 2500 PLUS AIRline

**MICROGARD®**  
**2500**  
**PLUS AIRline**

## Air-supplied suits for protection from hazardous particulate contamination.

MICROGARD® 2500 PLUS AIRline is a range of one-piece suits designed for use in combination with belt mounted, continuous flow airline regulators such as the Sundström SR507\* (sold separately). With breathable air supplied from an external compressed air source, the positive pressure generated within the suit provides the wearer with protection from hazardous particulates.

### MICROGARD® 2500 PLUS AIRline

#### Protection Levels & Additional Properties



EN 1073-1

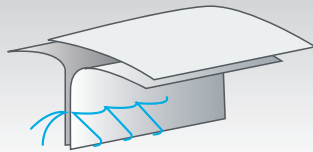


EN 1149-5

CE marked to EN 1073-1: 1998 with a nominal protection factor of 50,000 (Class 5 of 5)

#### Stitched & Taped Seams

Increased strength and an effective liquid & particle barrier



#### Model 750

#### Features & Benefits

- **Double elasticated cuffs** - Enables a liquid tight connection with chemical protective gloves (additional taping or Glove Link is required)
- **Air permeable SMS collar** - Maintains sufficient air in the breathing zone whilst allowing excess air to flow into the body of the suit
- **Four exhalation valves** - Exhalation valves fitted to the rear of the suit allows CO<sub>2</sub> to escape and equalises pressure within the suit, allowing a full range of movement without risk of excessive pressure causing harm to the suit or the wearer
- **Attached socks with elasticated boot over-flap** - Socks are designed to be worn inside chemical protective boots with the leg over-flap worn outside to reduce the potential for chemical ingress
- **Panoramic visor design** - Ensures a good field of vision for the wearer
- **Emergency rip cord** - Permits rapid doffing of the suit in cases of emergency or undue distress to the wearer

#### Model 752

- **Attached sock boots with anti-slip PVC sole** - designed to allow soft or protective safety shoes to be worn inside and offer limited resistance to slip.

**Sizes:** S-3XL

**Colour:** White



Model 752

Attached sock boot with anti-slip PVC sole



Panoramic visor with air permeable collar



Airline pass-thru



#### Applications

- Protection from radioactive particulate contamination\*
- Particulate protection (including APIs – Active Pharmaceutical Ingredients)

\* Gives no protection against radioactive radiation

**Sundström** 

For use in combination with airline regulators such as the SR507\* (Sold separately)



\* Sundström SR507 airline regulator unit and SR540 breathing hose used as part of the EC-Type Examination process. For advice on the suitability of other airline regulator systems please contact the Microgard technical team on +44 (0) 1482 625444 or email [technical@microgard.com](mailto:technical@microgard.com)

# MICROGARD® 2500 PLUS PAPR

**MICROGARD®**  
**2500**  
**PLUS PAPR**



## Providing complete protection from liquid and particulate hazards!

MICROGARD® 2500 PLUS PAPR (powered air purifying respirator) is a fully encapsulated liquid tight chemical suit.

### MICROGARD® 2500 PLUS PAPR Coverall

#### Protection Levels & Additional Properties



TYPE 3-B



TYPE 4-B



TYPE 5-B



EN 1073-2



EN 1149-1



EN 14126



EN 12941

Respiratory Protective Device, approved to EN 12941 TH3 with an Assigned Protection Factor (APF) of 40\*

\*UK APF according to Annex C of EN529:2005. The APF means the factor by which the hazard is reduced, i.e. how many times cleaner the air is inside the hood than outside

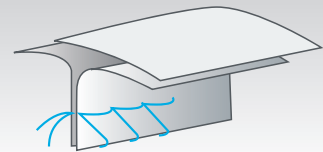
#### Applications

- Particulate protection (including API - Active Pharmaceutical Ingredients)
- Resistance to penetration of low hazard chemicals
- Biological agents (Risk groups 1 & 2)
- Protection from radioactive particulate contamination\*\*\*

\*\*\*Gives no protection against radioactive radiation

#### Stitched & Taped Seams

Increased strength and an effective liquid & particle barrier



#### Model 700 (Sundström)

Designed for use in combination with Sundström SR500 / SR500EX PAPR fan units & filters\*\*

#### Model 701 (Scott Proflow)

Designed for use in combination with Scott Proflow SC / EX fan units and filters\*\*

#### Models 704 & 705 (CleanAIR)

Designed for use in combination with CleanAIR Chemical 2F Plus fan unit & filters\*\*

#### Features & Benefits

- **Double elasticated cuffs** - Enables a liquid tight connection with chemical protective gloves (additional taping or Glove Link is required)
- **Air permeable SMS collar** - Maintains sufficient air in the breathing zone whilst allowing excess air to flow into the body of the suit
- **Four exhalation valves** - Exhalation valves fitted to the rear of the suit allows CO<sub>2</sub> to escape and equalises pressure within the suit, allowing a full range of movement without risk of excessive pressure causing harm to the suit or the wearer
- **Attached socks with elasticated boot over-flap** - Socks are designed to be worn inside chemical protective boots with the leg over-flap worn outside to reduce the potential for chemical ingress
- **Panoramic visor design** - Ensures a good field of vision for the wearer
- **Emergency rip cord** - Permits rapid doffing of the suit in cases of emergency or undue distress to the wearer

#### Model 705

- **Attached sock boots with anti-slip PVC sole** - designed to allow soft or protective safety shoes to be worn inside and offer limited resistance to slip.



Attached sock with boot overflap



Glove Link (sold separately) attached nitrile gloves

Sizes: S-3XL Colour: White



Also available in the PAPR range...



\*\*Please note: Sundström, Scott and CleanAIR fan units, breathing hoses and filters sold separately. For advice please contact your distributor.