

4000 AVANT AIRline - Model 755 G-02

Encapsulated chemical protective suits for
use with air-fed/supplied systems

**Ventilated suit designed for
use in combination with belt-
mounted, continuous flow
airline respirator systems..**

DESIGN

AVANT STS Regulator - Continuous Flow Airline
Regulator /Pass-Thru Device (SOLD SEPARATELY)

FEATURES

- Affixed by the wearer and detachable for reuse when appropriate
- Air flow adjustable from 340 L/min to 590 L/min at a working pressure of 3.5 to 5 bar
- Polyester webbing belt with YKK buckle for an assured connection should the airline be snagged or pulled
- Low flow warning whistle
- External connector mount swivels 360°
- A range of external airline connector options are available (contact Ansell Microgard Ltd or your distributor for details)



Industries

- Chemical
- Life Sciences
- Mining
- Fire and Rescue
- Oil and gas

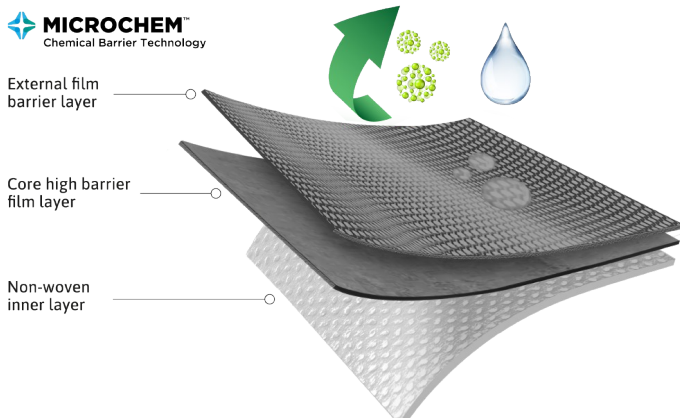
Applications

- Contaminated Environments
- Chemical Handling
- Filling, blending and charging of raw materials
- Transferring liquids and solids
- Opening and draining pumps valves or lines
- Loading and unloading of proces equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Hazmat response
- Assembly and disassembly of large pipes

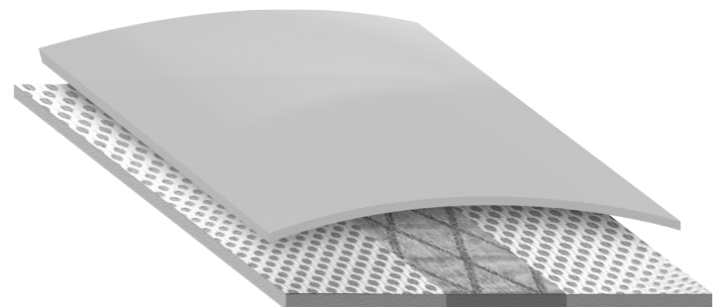
KEY FEATURES & BENEFITS

- Exceptional protection, over 200 chemicals permeation tested, including chemical warfare agents
- Welded and taped seams, our highest barrier to liquids and particulates
- Panoramic visor design ensures a good field of vision for the wearer
- A range of sleeve options available, including double cuffs and permanently attached chemical protective gloves.
- HEPA filter provides secondary protection from airline contamination and a SMC silencer ensures the noise inside the suit is always below 70 dB (even at maximum airflow).
- Suit/Belt mounted regulator complete with a low flow warning whistle the AVANT STS regulator can be mounted on the suit and removed for reuse providing cleaning and decontamination is permissible.
- Emergency rip cord permits rapid doffing of the suit in cases of emergency or undue distress to the wearer
- Attached socks with elasticated boot overflap - Socks are designed to be worn inside chemical protective boots with the leg overflap worn outside to reduce the potential for chemical ingress.

Material Diagram



Seam Diagram



Performance Standards



Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL
Color	Green
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	4000 AVANT AIRline - Model 755 G-02
Standards Overview	CE CATEGORY III (Type 3, EN 1073-1, EN 14594, EN 1149-5)
Seam Type	Welded and Taped

Suit components & accessories

Suit Components and Accessories

Design Features

Fully encapsulated suit designed for use in combination with the MICROCHEM® AVANT STS V.1 airline regulator. Suit features include internal air-channel ventilation system double cuffs, finger & thumb loop, G01 Ansell Solvex (Nitrile) gloves, G02 Ansell Barrier gloves or G03 KCL Camapren (Neoprene) gloves. Attached socks with elasticated boot over-flap and emergency rip cord.

For additional information visit us at www.ansell.com, or call us at

Europe, Middle East & Africa Region

Ansell Healthcare Europe NV
T: +32 (0) 2 528 74 00

North America Region

Ansell Healthcare Products LLC
T: +1 800 800 0444

Australia

Ansell Limited
T: +61 1800 337 041

Asia Pacific Region

Ansell Global Trading Center
T: +603 8310 6688

Latin America & Caribbean Region

Ansell Commercial Mexico S.A. de C.V.
T: +52 442 248 1544 / 248 3133

Ansell, ® and ™ are trademarks owned by Ansell Limited or one of its affiliates. US Patented and US and non-US Patents Pending; www.ansell.com/patentmarking © 2025 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.

