

Gastight multi-layer protective suit with integral boot*, for high-level chemical resistance.

- **Advanced protection:** The AlphaTec™ 6500 Stitched & Taped - Model 809 features an innovative, lightweight twin-layer fabric (as well as an inner barrier glove and outer butyl rubber glove), for heightened chemical resistance
- **Improved visibility:** Designed in highly visible bright yellow, this full-body protection suit enhances worker and workplace safety
- **Increased comfort and ergonomics:** Thanks to its large SCBA hump, this chemical protective suit also promotes better ergonomics, resulting in greater comfort
- **Enhanced features:** In addition, it features a boot component, though it does not come with a passthrough



Industries

- Fire and Rescue
- Life Sciences
- Mining
- Energy

Applications

- Raw material sample collection
- Military
- Hazmat response
- Emergency Response
- Contaminated Environments
- Chemical Handling

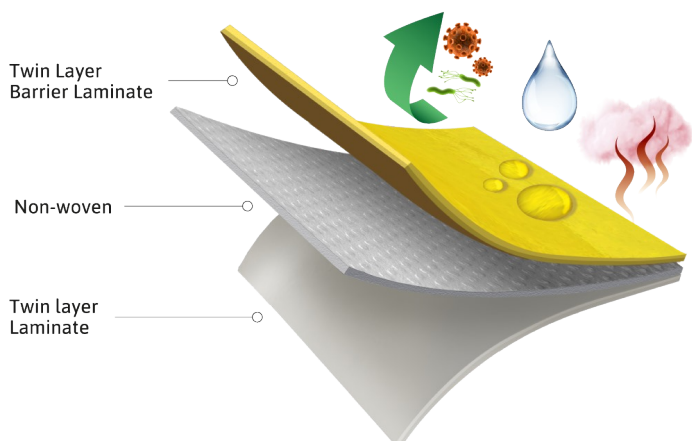
KEY FEATURES & BENEFITS

- ◊ **Lightweight twin-layer barrier:** Advanced chemical resistance**
- ◊ **Yellow color:** Improved visibility, for greater workplace safety
- ◊ **Large SCBA hump:** Excellent ergonomics
- ◊ **Protection against Chemical warfare agents:** Breakthrough time > 48 Hours for Seven warfare agents

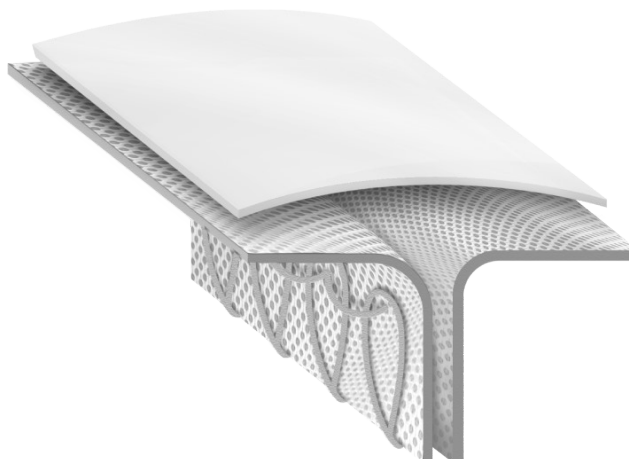
*Passthrough not included

**Type 1/Level A protection

Material Diagram



Seam Diagram



Performance Standards



Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL
Color	Yellow
Models Available	803, 809, 819
Packaging Overview	Individually packaged
Product Material	Twin multi layer barrier films laminated either side of non-woven fabric
Product Reference	6500 - Model 809
Standards Overview	• EN 943-1 • EN 14126 (infective agent protection) • Tested and compliant to EN 943-2 with the exception of the low temperature practical performance requirement
Seam Type	Stitched and Taped
Shelf Life	10 Years
Style Number	Y65T809M

Suit components & accessories

Suit Components and Accessories	
Design Features	Fully encapsulating Type 1 Limited Use Gastight Suit with attached boots, complete with straight outer leg. Side entry DYNAT G2 CR/PA gastight zipper, protected by a splash guard/flap. Other suit features include large SCBA hump, single sleeve, external locking cuff and GA2 glove set (AlphaTec® 02-100 barrier inner + AlphaTec® 38-560 butyl outer). Rear positioned exhaust valves.
Visor And Face Seal	Large field of view GAG visor
Gloves And Attachments	AlphaTec® 02-100 & AlphaTec® 38-560
Footwear And Attachments	Nitrile Rubber boots
Zipper	DYNAT G2 CR/PA gastight zipper

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

Asia Pacific Region
Ansell Global Trading Center
T: +603 8310 6688

North America Region
Ansell Healthcare Products LLC
T: +1 800 800 0444

Latin America & Caribbean Region
Ansell Commercial Mexico S.A. de C.V.
T: +52 442 248 1544 / 248 3133

Australia
Ansell Limited
T: +61 1800 337 041

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.

