

## 6500 - Model 809

Multi-layer chemical barrier technology for Type 1 / Limited Use Level A Gastight protection - Boot, Without Passthrough

### 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
- Chemical
- Life Sciences
- Mining
- Oil and gas

## Applications

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

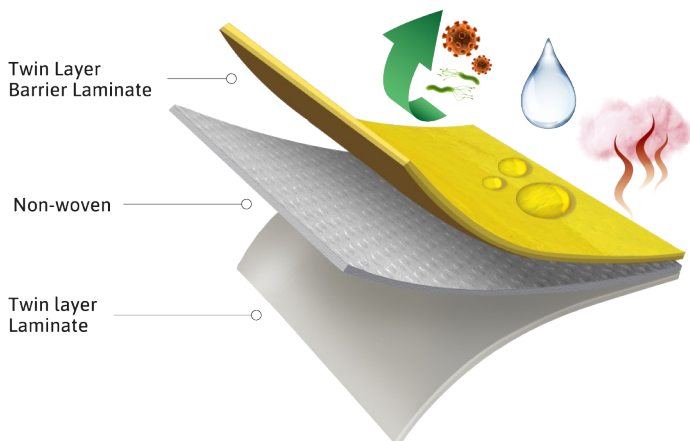
## KEY FEATURES & BENEFITS

- **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

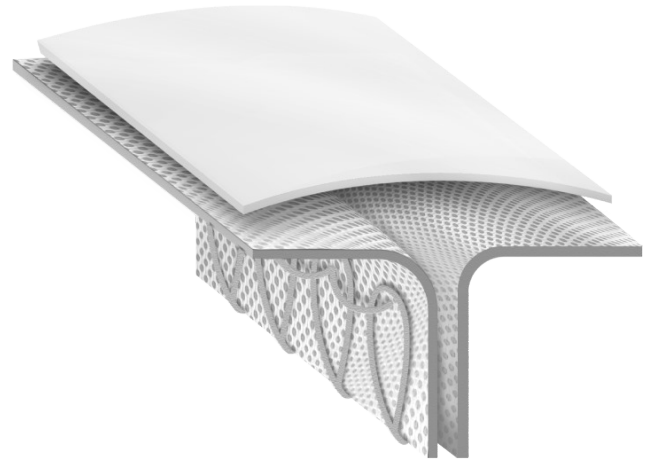
\*Passthrough not included

\*\*Type 1/Level A protection

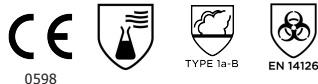
## Material Diagram



## Seam Diagram



## Performance Standards



## Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL
Color	Yellow
Country Of Origin	China
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	<ul style="list-style-type: none"><li>• EN 943-1</li><li>• EN 14126 (infective agent protection)</li><li>• Tested and compliant to EN 943-2 with the exception of the low temperature practical performance requirement</li></ul>
Seam Type	Stitched and Taped
Shelf Life	10 Years
Style Number	Y65T809M

## Suit components & accessories

Suit Components and Accessories	
<b>Design Features</b>	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.
<b>Visor And Face Seal</b>	Large field of view GAG visor
<b>Gloves And Attachments</b>	AlphaTec® 02-100 & AlphaTec® 38-560
<b>Footwear And Attachments</b>	Nitrile Rubber boots
<b>Zipper</b>	DYNAT G2 CR/PA gastight zipper

**For additional information visit us at [www.ansell.com](http://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

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