

### 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

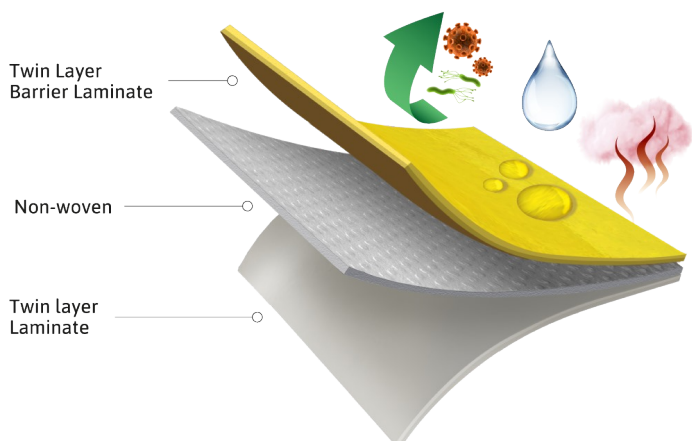
## KEY FEATURES & BENEFITS

- ◊ **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

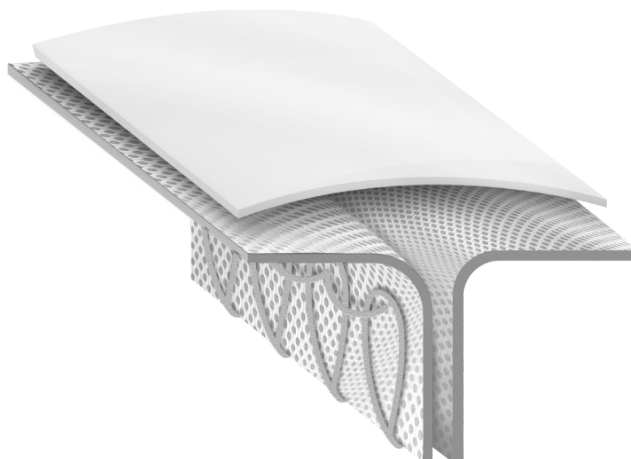
\*Passthrough not included

\*\*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  | <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 |                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                                                                                                                                                |

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