

## 6500 - Model 813

Multi-layer chemical barrier technology for Type 1 / Limited Use Level A Gastight protection - Integral Sock, Passthrough & CEJN Connector

### Multi-layer, gastight protective suit, granting wearers heightened chemical resistance..

- **Advanced protection:** The AlphaTec® 6500 Stitched & Taped - Model 813, with its lightweight, innovative twin-layer fabric, inner barrier glove and outer butyl rubber glove grants wearers superb chemical resistance
- **Improved visibility:** Due to its bright yellow exterior, this full-body protective suit is highly visible, thereby enhancing worker and workplace safety
- **Increased comfort and ergonomics:** Its large SCBA hump results in more ergonomic movements, which improves wearer comfort
- **Enhanced features:** This protective suit also boasts an integral sock, a passthrough and a CEJN connector



## Industries

- Fire and Rescue
- Chemical
- Life Sciences
- Mining
- Energy

## Applications

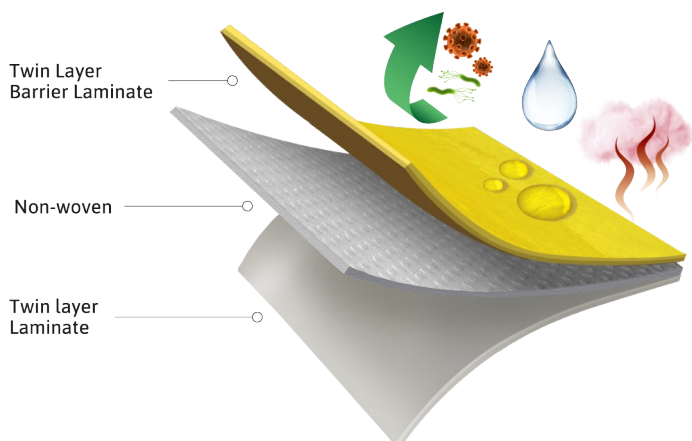
- Contaminated Environments
- Chemical Handling
- Raw material sample collection
- Hazmat response
- Emergency Response
- Military

## KEY FEATURES & BENEFITS

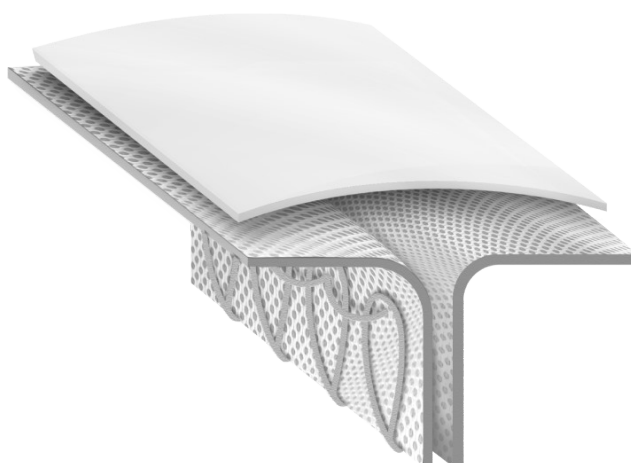
- **Lightweight twin-layer barrier:** Excellent chemical resistance\*
- **Yellow color:** Enhanced visibility, for improved workplace safety
- **Enhanced features:** Large SCBA hump, integral sock, passthrough and CEJN connector
- **Protection against Chemical warfare agents:** Breakthrough time > 48 Hours for Seven warfare agents

\*\*Type 1/Level A protection

## Material Diagram



## Seam Diagram



Performance Standards



Product Information

| Product Information |                                                                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Sizes     | S, M, L, XL, 2XL, 3XL                                                                                                                                                                                                   |
| Color               | Yellow                                                                                                                                                                                                                  |
| Country Of Origin   | China                                                                                                                                                                                                                   |
| Models Available    | 803, 809, 813, 819                                                                                                                                                                                                      |
| Packaging Overview  | Individually packaged                                                                                                                                                                                                   |
| Product Material    | Twin multi layer barrier films laminated either side of non-woven fabric                                                                                                                                                |
| Product Reference   | 6500 - Model 813                                                                                                                                                                                                        |
| Standards Overview  | <ul style="list-style-type: none"><li>• EN 943-1</li><li>• EN 14126 (infective agents)</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        | Y65A813M                                                                                                                                                                                                                |

Suit components & accessories

| Suit Components and Accessories |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design Features                 | Fully encapsulating Type 1 Limited Use Gastight Suit with integral socks, 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). Large hump for internal wearing of self-contained breathing apparatus. Passthrough device with CEJN 342 connector and plug. 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        | Sock Only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Zipper                          | DYNAT G2 CR/PA gastight zipper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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