AlphaTec®

ADVANCED CHEMICAL PROTECTION

6500 - Model 803

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

Multi-layer, gastight protective suit with integral sock*, for advanced chemical resistance.

- **Advanced protection:** The AlphaTec® 6500 Stitched & Taped - Model 803's innovative, lightweight twin-layer fabric – together with an inner barrier glove and outer butyl rubber glove – ensures advanced chemical resistance

- **Improved visibility:** Thanks to its bright yellow color, this protective suit is highly visible, enhancing worker and workplace safety

- **Increased comfort and ergonomics:** It also features a large SCBA hump, which promote more ergonomic movements and boost wearer comfort

- **Enhanced features:** This full-body protection suit also includes an integral sock, but does not comprise a passthrough

Industries

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

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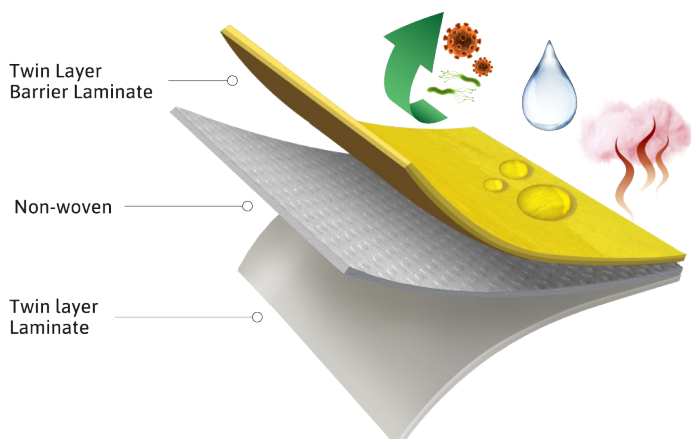
- Contaminated Environments
- Chemical Handling
- Raw material sample collection
- Hazmat response
- Tank Cleaning
- Emergency Response
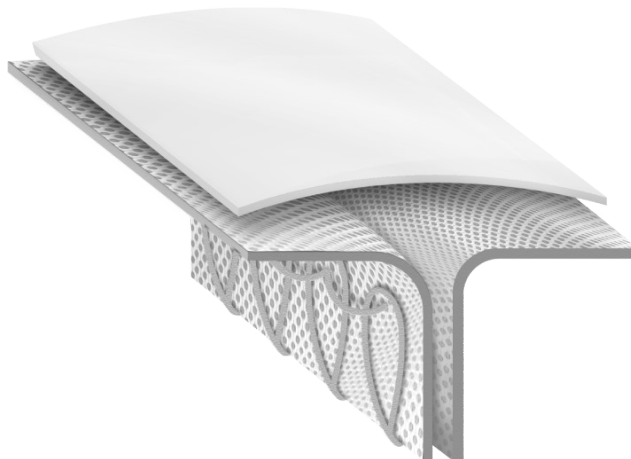- Military

KEY FEATURES & BENEFITS

- **Lightweight twin-layer barrier:** Heightened chemical resistance**
- **Yellow color:** High visibility, for enhanced workplace safety
- **Large SCBA hump:** More ergonomic movement
- **Protection against Chemical warfare agents:** Breakthrough time > 48 Hours for Seven warfare agents

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  *Passthrough not included
  **Type 1/Level A protection

Material Diagram

Twin Layer Barrier Laminate

Non-woven

Twin layer Laminate

Seam Diagram

Performance Standards

CE 0598 TYPE 1a-B EN 1073-2 EN 14126

Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL
Color	Yellow
Country Of Origin	Lithuania
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 803
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	Y65T803M

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). 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

Ansell