AlphaTec™

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
- Life Sciences
- Mining
- Energy

Applications

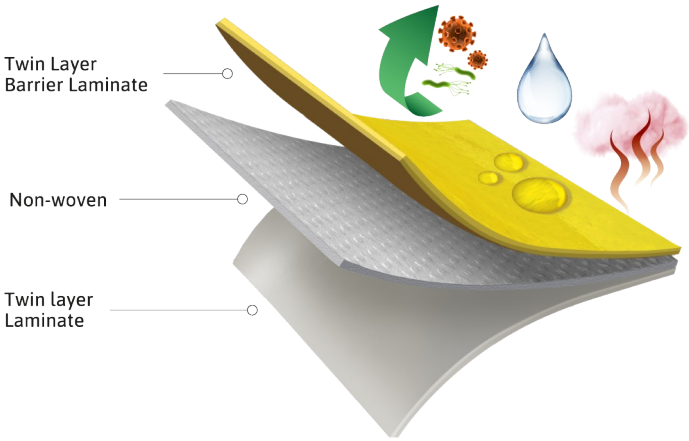
- Raw material sample collection
- Military
- Hazmat response
- Emergency Response
- Contaminated Environments
- Chemical Handling

KEY FEATURES & BENEFITS

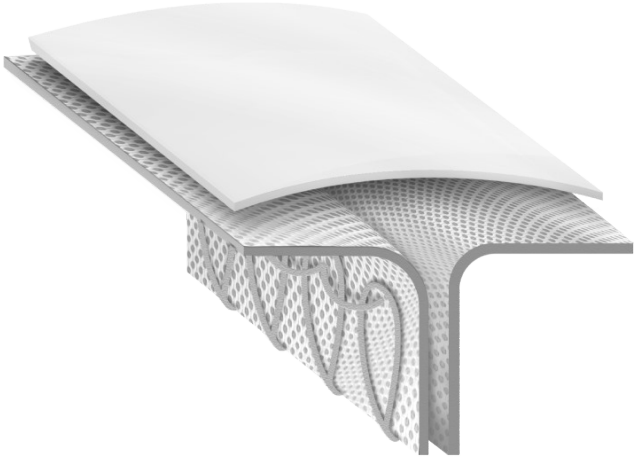
- **Lightweight twin-layer barrier:** Excellent chemical resistance*
- **Yellow color:** Enhanced visibility, for improved workplace safety
- **Enhanced features:** Large SCBA hump, integral sock, passthrough and CEJN connector
- **Protection against Chemical warfare agents:** Breakthrough time > 48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

**Type 1/Level A protection

Material Diagram



Seam Diagram



Performance Standards

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

Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL
Color	Yellow
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	• EN 943-1 • EN 14126 (infective agents) • 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	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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