

# AlphaTec®

## ACT LEVEL B / TYPE T

Formerly known as TRELLCHEM® ACT

## CBRN protective suit designed for optimal comfort and manoeuvrability

- Limited Use suit for first response protection against chemical and biological warfare agents and toxic industrial chemicals
- Designed for optimal comfort and manoeuvrability
- The suit is made from a low-noise material in dark colour to permit stealth operations
- Design features include a 3D shaped mask seal and padded shoulders for optimal ergonomics and safety
- Certified to NFPA 1994:2018, Class 2



Butyl rubber mask seal, cut in 3D shape to fit optimally around the SCBA face mask



Optional paddings on knees and elbows for improved comfort and safety



Optional Bayonet glove ring system for quick and simple glove exchange



Optional reflective markings on sleeves and legs for high visibility



CBRN Protection

Limited Use

### Applications

- CBRNE Response
- Civil Support: Urban Search and Rescue (USAR), Triage, Medical Operations
- Clandestine Lab Entry, Drug Raids
- Decontamination
- Explosive Ordnance Disposal (EOD)
- First Response
- Hazmat Response
- "Hot Zone" Search and Rescue
- Law Enforcement
- SWAT
- Tactical Operations: Critical Infrastructure Protection, Quick Response Forces
- Technical Rescue in Contaminated Environment

### PRODUCT INFORMATION

	AlphaTec® ACT
<b>Design</b>	<ul style="list-style-type: none"> <li>• Non-encapsulating design (Level B/Type T) with mask seal and without hump, self-contained breathing apparatus (SCBA) or filter mask worn outside the suit</li> <li>• Padded shoulders to spread the load of the SCBA, for improved wearer comfort</li> <li>• Elastic waist for a nice fit</li> <li>• Limited Use type of suit that should be disposed of if chemically contaminated</li> </ul>
<b>Garment material</b>	Outer polyester textile with a thin PU coating and an inside fluoropolymer barrier.
<b>Seams</b>	Stitched with aramid thread for superior strength, and sealed with a barrier tape on both inside and outside to ensure durability, a seamless barrier and optimal safety.
<b>Hood</b>	Attached hood with an external neck strap to obtain an individually optimal fit.
<b>Mask Seal</b>	Chemical resistant butyl rubber mask seal, uniquely cut in 3D shape to fit optimally around the SCBA face mask.
<b>Gloves &amp; Attachments</b>	2-part system with AlphaTec® #38-560 butyl rubber glove and outer ACT Overglove #70-900 for extra cut protection (NFPA requirement). The rubber gloves are fixed to the suit by a soft and supple permanent attachment. Optionally they can be attached with a Bayonet glove ring system, which offers quick and simple glove exchange.
<b>Footwear &amp; Attachments</b>	Sewn-in socks/booties in the suit material. For NFPA 1994 compliance, the suit must be worn with OnGuard Hazmax® boots (not included).
<b>Zipper</b>	Long, water repellent zipper positioned diagonally over the chest. The zipper is closing downwards, for added safety, and is protected by a double flap/splash guard.
<b>SCBA/Respirator</b>	NFPA 1994 class 2 requires specified SCBA for compliance. AlphaTec® ACT is approved for use with SCBA units by Scott and MSA (not included).
<b>Colour</b>	Black/graphite with white inside
<b>Sizes</b>	XS - XXXL
<b>Included with each delivery</b>	<ul style="list-style-type: none"> <li>• 1 pair of cotton comfort inner gloves</li> <li>• 2 pcs extra locking pins for the Bayonet glove ring system (if fitted)</li> <li>• 1 pce Molycote lubrication for the O-rings in the Bayonet glove ring system (if fitted)</li> <li>• 1 pce AlphaTec® storage bag</li> </ul>
<b>Optional accessories</b>	<ul style="list-style-type: none"> <li>• External pockets on chest, waist and/or hip</li> <li>• Paddings on knees and elbows for improved comfort and safety</li> <li>• Reflective markings on sleeves and legs for high visibility</li> <li>• Bayonet glove ring system for quick and simple glove replacement</li> <li>• Instructions for Use</li> </ul>
<b>Standards &amp; Approvals</b>	<ul style="list-style-type: none"> <li>• NFPA 1994 Standard on Protective Ensembles for First Responders to Hazardous Materials Emergencies and CBRN Terrorism Incidents, 2018 edition (class 2)</li> </ul>

For additional information, visit us at [protective.ansell.com](https://protective.ansell.com) or contact us at:

**Ansell Protective Solutions AB**  
Arenagatan 8B  
215 33 Malmö  
Sweden  
Tel. + 46 10 205 1800  
[order.protective@ansell.com](mailto:order.protective@ansell.com)

**North America**  
Ansell Healthcare Products LLC  
111 Wood Avenue South, Suite 210  
Iselin, NJ 08830, USA  
Tel. + 1 800 800 0444  
Fax. + 1 800 800 0445  
[info@ansell.com](mailto:info@ansell.com)

**Europe, Middle East and Africa**  
Ansell Healthcare Europe NV  
Riverside Business Park  
Blvd International, 55  
1070 Brussels, Belgium  
Tel. + 32 2 528 74 00  
Fax + 32 2 528 74 01  
[info.europe@ansell.com](mailto:info.europe@ansell.com)

**Asia Pacific**  
Ansell Protective Solutions Singapore Pte. Ltd.  
237, Pandan Loop,  
#05-05 Westech Building  
128424 Singapore  
Tel. + 65 6908 4115  
[order.protective@ansell.com](mailto:order.protective@ansell.com)

**Latin America & Caribbean**  
Ansell Brazil Ltda.  
Rua das Figueiras 474 – 4º Andar  
Bairro Jardim  
SP 09080-300 Santo André, Brazil  
CNPJ: 03.496.778/0001-21  
+ 55 11 3356 3100  
[sac@ansell.com](mailto:sac@ansell.com)

### Performance Standards

NFPA 1994:2018