

### Soft, flexible and durable air-fed suit designed for combined chemical, biological and respiratory protection

- Suitable for Level 4 Biological Safety Laboratories
- Provides protection against chemicals in liquid, aerosol and solid form
- Protects against infectious agents, i.e. bacteria, virus and fungi, and against radioactive particles
- Designed for use with an external air source, which allows longer working hours and provides improved wearer comfort
- Made from a strong yet soft and durable material

Soft and flexible material, which at the same time offers strength and durability

Gloves can be secured with waterproof tape or a rubber band

Passthrough for connection to external air supply, i.e. airline



Biological  
Protection

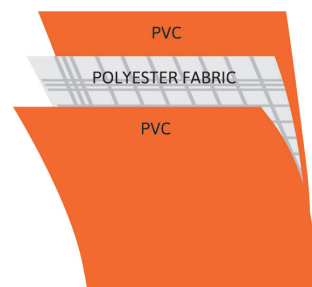


Re-usable

#### Applications

- Biosafety Labs Levels 1-4
- Centers for Disease Control and Prevention
- Clinical Research
- Life Sciences
- Medical Research

#### Material Construction



### PRODUCT INFORMATION

	AlphaTec® BSL4
<b>Design Features</b>	Encapsulating, air-fed design for use with external air supply via airline.
<b>Garment Material</b>	Strong and flexible polyester fabric coated on each side with PVC.
<b>Seams</b>	Stitched butt seams covered on the outside with a welded-on PVC tape.
<b>Visor</b>	<ul style="list-style-type: none"> <li>• Wide vision (Type VP1)</li> <li>• Made from a soft 1 mm transparent PVC</li> </ul>
<b>Gloves &amp; Attachments</b>	Gloves are not fitted upon delivery, but the suit should be used with chemical and biological protective gloves. The suit is fitted with a rigid plastic ring (small ring for size S-M/large ring for size L-2XL), over which the glove is pulled and then secured with waterproof tape or a rubber band.
<b>Footwear &amp; Attachments</b>	Sewn-in socks (without boot flaps) made from the suit material. Alternatively attached PVC safety boots approved according to EN 20345. The boots are fixed with an ergonomically designed ring attachment, for simplified boot exchange.
<b>Zipper</b>	Heavy duty vapor protective zipper coated with PVC. The zipper is placed on the front left-hand side of the suit to facilitate donning and doffing, and closes downwards to give the wearer the possibility to check the zipper position (closed or open). D-rings are fitted to either end of the zipper, for better grip and easy opening and closing.
<b>Airline Passthrough</b>	A swiveling airline passthrough - the AlphaTec® BSL4 valve - placed on the right-hand side of the suit. The airline passthrough is externally threaded for fitting of a HEPA filter and an air-line hose (not included).
<b>Air Distribution</b>	Air is distributed in front of the visor as well as into sleeves and legs. Excess air is ventilated through four exhaust valves in the back of the hood. The exhaust valves are fitted in a splash protective pocket.
<b>Air Supply System</b>	The Air Supply Source, mobile or stationary has a working inlet pressure of between 3.0 - 5.0 bar (44 - 73 psi). Air Flow is adjustable by the user and operates between 250 - 515 liter/min.
<b>Colour</b>	Orange
<b>Sizes</b>	Regular S, M, L, XL, 2XL
<b>Included with Each Delivery</b>	<ul style="list-style-type: none"> <li>• Grease stick for the zipper (1 pce)</li> <li>• Coat hanger (1 pce)</li> </ul>
<b>Additional Features</b>	The suit is fitted with a D-ring on top of the hood, to be able to hang the suit on a hook.
<b>Material &amp; Suit Testing</b>	<ul style="list-style-type: none"> <li>• EN 14126:2003 (infective agent protection)</li> <li>• EN 14605:2005 + A1:2009, type 3</li> <li>• The suit has been tested for inward leakage acc. EN 1073-1 + A1:2018 to TIL class 5</li> </ul> <p>Internal testing:</p> <ul style="list-style-type: none"> <li>• Every suit is tested for air leak-tightness according to ISO 17491-1:2012, Method 2</li> </ul>

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

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