

## EVO Type CV/VP1

Unique, multi-layer, flame retardant, re-usable chemical barrier technology, Type 1 / Level A protection

### Top-of-the-line industrial chemical and warfare agent protection for critical-risk environments and HAZMAT response.

- Meets NFPA 1991:2016 including the optional chemical flash fire and liquefied gas protection requirements
- Offers outstanding permeation times - tested for 24 hours
- Patented fabric system with antistatic butyl rubber and chemical and degradation resistant Viton® rubber on an aramid base fabric
- High-level protection, abrasion resistant and durable, ensuring wearer confidence
- Approved for work in explosive atmospheres
- PyroMan™ tested
- Well-proven design that fits on top of all major SCBA brands and bottle sizes

#### Industries

- Food Processing
- Life Sciences
- Chemical
- Industrial
- Law Enforcement
- Fire and Rescue
- Defense
- Military
- Shipping
- Oil and gas

#### Applications

- CBRN Emergencies
- Chemical leaks
- Emergency Response
- Hazmat response
- Tank Cleaning
- Accidental release of toxic gases
- Biohazard response
- Plant Emergencies
- Maintenance of plant and machines



### PRODUCT INFORMATION

<b>Product Material</b>	Outer aramid fabric with Viton®/butyl rubber. Inner chloroprene rubber and a multilayer barrier laminate
<b>Design Features</b>	<ul style="list-style-type: none"> <li>• Encapsulating design type CV (with visor and hump, breathing apparatus worn inside the suit)</li> <li>• Encapsulating design type VP1 (larger visor, with hump, breathing apparatus worn inside the suit)</li> <li>• Seams are stitched with aramid thread for superior strength and durability, and are covered with a Viton rubber tape on the outside and a welded-on barrier laminate tape on the inside</li> </ul>
<b>Seam Type</b>	Stitched and covered with Viton® rubber tape on the outside and a barrier laminate tape on the inside
<b>Standards Overview</b>	<ul style="list-style-type: none"> <li>• NFPA 1991:2016 incl. the optional Chemical Flash Fire &amp; Liquefied Gas protection requirements*</li> <li>• EN 943-1:2015 + A1:2019</li> <li>• EN 943-2:2019</li> <li>• EN 1073-2:2002 (radioactive particle protection)</li> <li>• EN 14126:2003 (infective agent protection)</li> <li>• EN 1149-5:2008 (antistatic suit material)</li> <li>• Approved for use in ATEX zones 0, 1, 2/20, 21, 22 and chemical group IIA, IIB, IIC</li> <li>• SOLAS</li> </ul> <p>* Only encapsulating suits with sewn-in socks/booties.</p>
<b>Product Reference</b>	EVO Type CV/VP1
<b>Country Of Origin</b>	Lithuania
<b>Sizes</b>	2XS, XS, S, M, L, XL, 2XL, 3XL
<b>Weight</b>	Approx. 6.0 kg/13 lbs for a suit size L with sewn-in socks. Attached boots add approx. 2 kg/4.5 lbs.
<b>Zipper</b>	AlphaTec® HCR zipper, which includes a barrier film for increased chemical resistance. The zipper is closing downwards, for added safety, and is protected by a splash guard/flap.
<b>Footwear And Attachments</b>	Sewn-in socks/booties made of the suit material. Alternatively attached black nitrile rubber safety boots with European approval as Firemen's boots. The boots are fixed with an ergonomically designed ring attachment, for simplified boot exchange. NFPA 1991 certified suits have sewn-in socks.
<b>Included With Each Delivery</b>	<ul style="list-style-type: none"> <li>• 1 pce inside hump protective foam</li> <li>• 1 pair of cotton comfort inner gloves</li> <li>• 2 pcs extra locking pins for the Bayonet glove ring system</li> <li>• 1 pce Molycote lubrication for the O-rings in the Bayonet glove ring system</li> <li>• 1 pce grease stick for lubrication of the zipper</li> <li>• 1 pair of comfort silicone oversocks (only for suits with sewn-in socks)</li> <li>• 1 pce coat hanger</li> <li>• 1 pce AlphaTec® storage bag</li> </ul>
<b>Visor And Face Seal</b>	<ul style="list-style-type: none"> <li>• Made from a rigid 2 mm impact and chemical resistant PVC</li> <li>• Comes in two optional sizes; CV or the larger VP1</li> <li>• Covered by a replaceable, antistatic Tear-off/ATEX lens</li> </ul>
<b>Ventilation</b>	A ventilation system is included as standard. For the safety of the wearer, it provides a constant level of overpressure inside the suit. The AlphaTec® Regulating valve MkII has 3 ventilation rates (2, 30 and 100 l/min) plus zero/off position. CEJN 221 male coupling for connection to the SCBA (requires separate connection hose). Two overpressure valves in the back of the hood.
<b>Footwear And Attachments</b>	Sewn-in socks/booties made of the suit material. Alternatively attached black nitrile rubber safety boots with European approval as Firemen's boots. The boots are fixed with an ergonomically designed ring attachment, for simplified boot exchange. NFPA 1991 certified suits have sewn-in socks.
<b>Optional Features And Accessories</b>	<ul style="list-style-type: none"> <li>• Combined Regulating valve &amp; Airline passthrough MkII</li> <li>• Anti-fog lens</li> <li>• Hands-free visor light system</li> <li>• Internal waist belt &amp; leg shortener for size adjustment</li> <li>• Manometer holder and inside pockets &amp; loops for radio, PTT etc.</li> <li>• D-ring for holding small measuring instruments &amp; tools</li> <li>• Customised marking, e.g. digits, letters, logos</li> <li>• AlphaTec® #58-800 Overglove for improved cut &amp; puncture resistance</li> <li>• Other accessories are available upon request</li> </ul>

For additional information visit us at [www.ansell.com](http://www.ansell.com), or call us at

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