

# AlphaTec®

## FLASH TYPE CV/VP1

Formerly known as TRELLECHEM® VPS FLASH

### Excellent chemical, abrasion and flame resistance

- Well-proven design that fits on top of all major SCBA brands and bottle sizes
- Provides an outstanding barrier against a wide range of chemicals
- Patented fabric system with chloroprene rubber on an aramid base fabric, providing excellent flame and abrasion resistance
- Meets NFPA 1991:2016 including the optional chemical flash fire and liquefied gas protection requirements
- PyroMan™ tested



Large VP1 visor.  
Alternatively CV wide vision visor with 3D depth of 20 cm, giving extra side view



Bayonet glove ring system for quick and simple glove exchange



Strong and flexible suit material with excellent abrasion and flame resistance, provided by the aramid base fabric and the outer layer of chloroprene rubber



Sewn-in socks in the suit material or attached boots



Gas-tight Protection

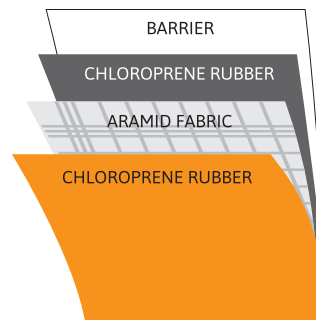


Re-usable

### Applications

- Chemical Handling
- Emergency Teams
- Fire & Rescue Service
- First Response
- Hazmat Teams
- Industrial and Tank Cleaning
- Law Enforcement
- Petrochemicals

### Material Construction



### PRODUCT INFORMATION

	AlphaTec® FLASH TYPE CV/VP1
<b>Design</b>	<ul style="list-style-type: none"> <li>• Encapsulating design type CV (with visor and hump, BA worn inside the suit)</li> <li>• Encapsulating design type VP1 (larger visor, with hump, BA worn inside the suit)</li> </ul>
<b>Garment material</b>	Outer: Strong, flexible and flame retardant aramid fabric coated with chloroprene rubber. Inner: Chloroprene rubber and a multilayer barrier laminate.
<b>Seams</b>	Stitched with aramid thread for superior strength and durability. Covered on the outside with a chloroprene rubber tape and on the inside with a welded-on barrier laminate tape.
<b>Visor</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>Gloves &amp; Attachments</b>	2-part system with AlphaTec® #02-100 inner glove and AlphaTec® #38-628 Viton®/Butyl rubber glove. The gloves are attached with a Bayonet glove ring system, which offers quick and simple glove exchange. NFPA 1991 certified suits have a 3-part glove system with the above plus the AlphaTec® #58-800 Overglove for additional cut protection.
<b>Footwear &amp; 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>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 flap/splash guard.
<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>Colour</b>	Orange or olive green.
<b>Sizes</b>	XXS - XXXL
<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>Optional 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>
<b>Standards &amp; Approvals</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 2/21, 22 and chemical group IIA</li> </ul> <p>* Only encapsulating suits with sewn-in socks/booties.</p>

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### Performance Standards



TYPE 1a-ET



EN 1073-2



EN 14126



EN 1149-5

**EN 1149-5:**  
This applies  
only to the  
suit material.