

## Features and Benefits of the DTAPS® Level B Totally-Encapsulating Ensemble

Feature	Description	Benefit
Fully integrated and complete system	Complete system includes suit, gloves, boots & respiratory system; all individual components were configured & tested together as a unified system	<ul style="list-style-type: none"> <li>' Satisfies operational need for safe, reliable &amp; totally integrated system</li> <li>' Allows total package procurement</li> </ul>
Extensive suit material testing	Suit material tested against CW agents GA, GB, GD, HD, L & VX, the 21 ASTM F 1001 chemicals, plus over 200 additional chemicals	<ul style="list-style-type: none"> <li>' Suit material has proven chemical resistance</li> </ul>
Suit seam testing	Suit seams tested against CW agents GB, HD, L & VX	<ul style="list-style-type: none"> <li>' Suit seams have proven chemical resistance</li> <li>' Verifies integrity of suit seams and suit fabrication quality</li> </ul>
Tested as an integrated system	Complete system yielded a high overall protection factor when evaluated with the U.S. Army man-in-simulant test (MIST) per TOP 10-2-022 and passed ASTM F 1359 shower spray test	<ul style="list-style-type: none"> <li>' Verifies the safety &amp; reliability of protective ensemble</li> </ul>
Suit design	Totally-encapsulating suit with panoramic view visor and expanded SCBA pod	<ul style="list-style-type: none"> <li>' Ideal for use with SCBAs that are not CBRN hardened</li> <li>' Distinctive wrap-around visor provides large field of vision</li> <li>' SCBA pod fits any commercial open circuit or closed-circuit SCBA</li> <li>' Non-CBRN hardened SCBAs can be used</li> </ul>
Respiratory protective system	Interspiro 60-minute open circuit SCBA is recommended (any other commercial open-circuit or closed-circuit SCBA can be used)	<ul style="list-style-type: none"> <li>' Interspiro system approved for use in CBRN environments</li> <li>' Can be matched with user's current operational SCBA</li> </ul>

**Features and Benefits of the DTAPS® Level B Totally-Encapsulating Ensemble (continued)**

Feature	Description	Benefit
Suit closure	Liquid-resistant zipper assembly with 2-ply double splash flaps	<ul style="list-style-type: none"> <li>' Assembly resists vapor intrusion</li> <li>' Liquid will not penetrate coverall closure assembly</li> <li>' 2-ply splash flap design will not wick liquids</li> <li>' No taping needed</li> </ul>
Exhaust valve	Auer valve with molded elastomer cover	<ul style="list-style-type: none"> <li>' Exhaust valve provides proper air exhaust to prevent excess internal suit pressure (over inflation)</li> <li>' Molded elastomer covers resist inward leakage</li> </ul>
Glove system	24 mil neoprene/butyl gloves with Silver Shield/4H liners	<ul style="list-style-type: none"> <li>' Neoprene/butyl gloves have combined resistance to chemical warfare agents &amp; POLs</li> <li>' Glove attachment assembly is vapor &amp; liquid tight</li> <li>' Gloves are easily changed out</li> <li>' Glove liners provide additional chemical resistance</li> </ul>
Booties	Integral booties and boot splash flaps incorporated into suit	<ul style="list-style-type: none"> <li>' Provides vapor &amp; liquid tight attachment to suit</li> <li>' Splash flaps prevent liquid splash from entering boots</li> </ul>
Boots	Boots are seamless PVC alloy with steel safety toe, full steel mid-sole & steel ladder shank; boots meet or exceed NFPA 1991 and NFPA 1994 chemical permeation resistance requirements	<ul style="list-style-type: none"> <li>' Provide excellent impact protection</li> <li>' Provide excellent cut &amp; puncture resistance</li> <li>' Provide excellent chemical resistance</li> </ul>