

Coronavirus C-Suit

NEW SOLUTIONS FOR PROTECTION FOR PATIENTS & HEALTHCARE WORKERS

In the ongoing war against Coronavirus, a new technology can provide much-needed protection and benefits for patients and healthcare workers. The coronavirus C-Suit has patented thermal conductive capabilities that can enable health-care workers wearing C-Suits to be externally monitored for the onset of fever, one of the first signs of the disease.

The C-Suit provides protection against CBRN, Blood, Viruses and Heat Stress. This suit was developed to exceed ASTM F1670/F1671 Standards for blood and viral penetration resistance as per CDC guidelines released November 03, 2014. The C-Suit is thermo conductive, and a passive cooling system. The reduced heat stress translates to extended operational times and maximum comfort for the wearer.

Additionally, infected patients can also be monitored and externally cooled when infection transportation chambers are lined with the C-Suit fabric.



Application:

- ◆ Healthcare Workers
- ◆ First Responders
- ◆ Those associated with Quarantine Support of potentially affected individuals from Coronavirus or other infectious diseases can be optimally protected while remaining comfortable while wearing the C-Suit.
- ◆ The re-usable and 100% protective suit can allow for personnel temperature monitoring while the support worker or affected patient is wearing the suit

Features:

- ◆ Chemical Resistant and Thermo Conductive
- ◆ Certified to ASTM F1670 and ASTM F1671
- ◆ Washable and Reusable
- ◆ Allows for External Temperature Monitoring
- ◆ Allows for Long Times for the Wearer Without Heat Stress
- ◆ Extremely Light Weight and Very Affordable

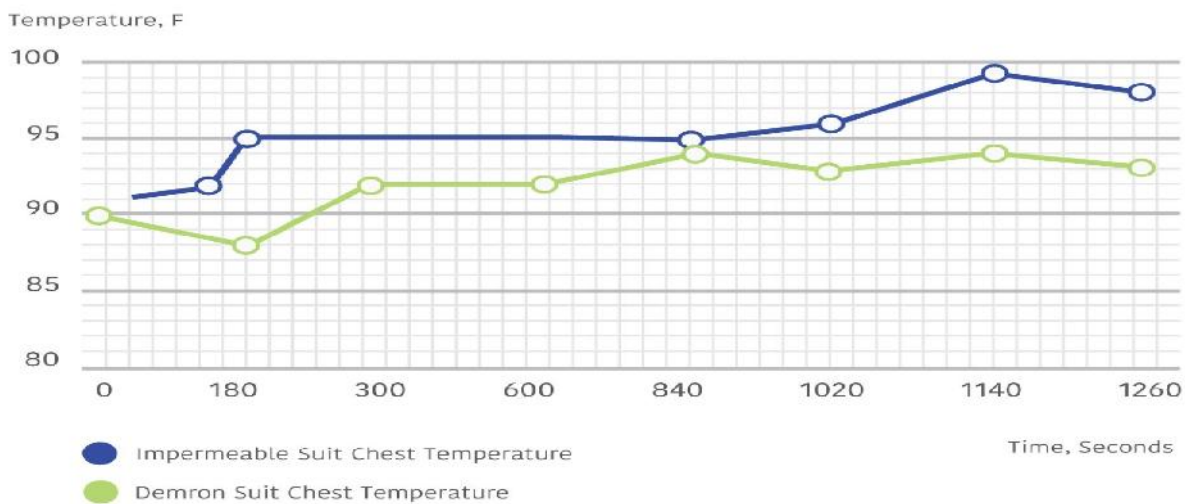
Decontaminable	Yes
Live Agent Tested	Yes
Sizes	XS through XXL
Standards Met	ASTM F1670, ASTM F1671 Blood and Viral Penetration Resistance, ISO 8194 Certified: Radiation Protective Clothing, NFPA 1994/2007
Tested By	Intertek, Avarint
Other Operational Parameters	Fire retardant, tear resistant. Inner glove attached to suit.

The C-Suit has been scientifically proven to shield against the coronavirus and reduces heat stress leaving its wearer unencumbered and fully mobile.

Our product line includes full body suits, blankets, vests and nuclear shields. It is used worldwide by NATO, NASA, every branch of the U.S. military, U.S. CST teams, FDNY, IAEC, DSTA, Pentagon Force Protection Agency and many international first responders and military teams in Japan, China, Iraq, Kuwait, South Korea, Pakistan, UAE, Saudi Arabia, Vietnam, and Singapore.

Each Suit was worn a treadmill at 3.5mph for 10min (600 sec) and allowed to passively cool at amb T

Full Body Suit Heat Stress Temperature Comparison



Each Suit was worn on a treadmill at 3.5 mph for 3min and the actively cooled with a wet T-shirt and fanned at 25 mph. The water temp on T shirt was 74 F.

Full Body Suit Showing Active External Cooling Capability Comparison

