Demron® Ice Suit

Product Specifications

NEW SOLUTIONS FOR PROTECTION FOR PATIENTS & HEALTHCARE WORKERS

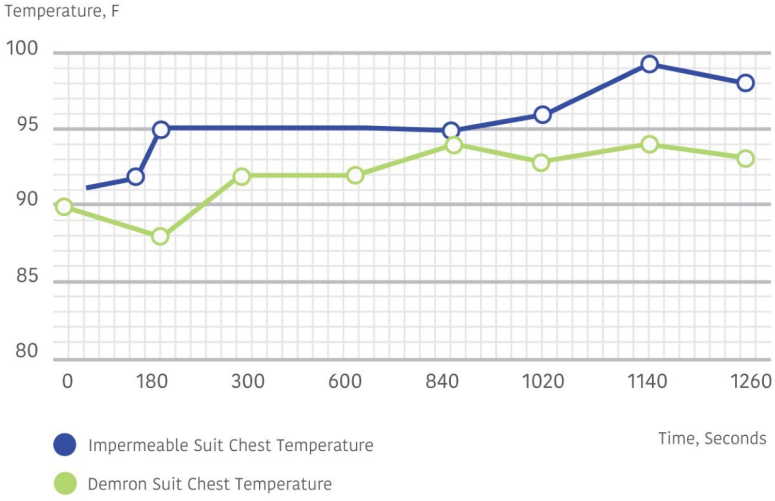
The Demron® ICE Muli-Use Suit provides protection against CBRN, Blood, Viruses and Heat Stress. This suit was developed to exceed ASTM F1670/ F1671 Standards for blood and viral penetration resistance as per CDC guidelines released November 03, 2014. Demron ICE is thermo conductive, and a passive cooling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

Decontaminable	Yes
Live Agent Tested	Yes
Material	Demron®
Sizes	6
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 Demron® ICE PPE is the only self-cooling suit that can be used in prolonged tactical operations, while providing uncompromised protection against Chemical Biological Radiological and Nuclear Protection," says Ronald DeMeo, MD MBA, the CEO of Radiation Shield Technologies.

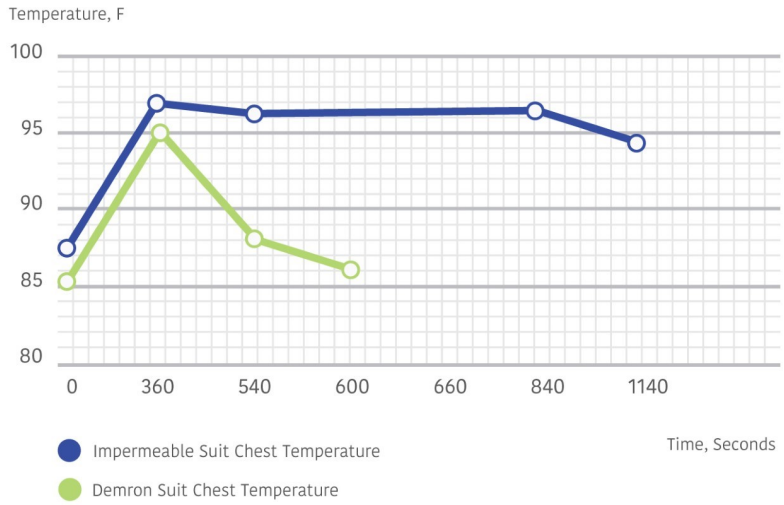
Each Suit was worn a treadmill at 3.5mph for 10min (600 sec) and allowed to passively cool at amb T

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



REUSABLE/MULTI USE

The Demron ICE material is rugged, durable, and engineered to withstand constant use. Prospective decontamination procedures and agents will not degrade the material during the doffing process. Resistant to tearing, Demron ICE fabric exceeds all CDC tensile strength recommendations.