

# Garment Comfort and Protection: Are They Mutually Exclusive?

As occupational protection thresholds become more conservative, the role of personnel protective equipment (PPE) has never been more crucial. But the issue of personnel heat stress becomes an increasing dilemma for safety professionals.

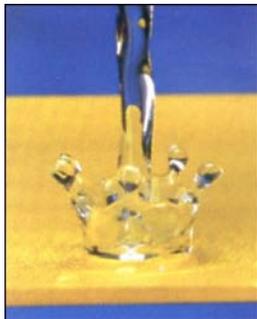


Protective garments, respiratory equipment, and various personnel monitoring devices all serve to tax workers in a wide range of industries, including

nuclear. It's clear that as barrier requirements rise, so does the potential for heat stress, particularly from the insulative properties of higher-barrier protective clothing.

But technology has also advanced during this time. And UniTech, a forty-five year nuclear protective clothing services veteran, has forged an aggressive mission of adapting developments from other industries as well as pioneering a few of our own.

For example, UniTech was the first to develop a fabric specifically designed for the nuclear industry. ProTech 2000 has a ten-year track record in providing comfort, contamination protection, and reliability for facility customers around the world.



We were also the first to engineer passive venting systems for nuclear protective gear without compromise to protective barrier performance.



At ENS, UniTech's European subsidiary, our engineers developed a superb CE-certified state-of-the-art PAPR and air-fed garment system, currently in wide use among facilities in Europe.

And as part of our mission to pioneer new fabrics that meaningfully reduce heat stress, we are investing substantially in state-of-the-art testing of fabrics

for insulative, moisture transport and barrier protection properties.

Our investment in this mission is substantial and time-consuming. But the foundation for UniTech's success has always been based on meeting customer needs. As requirements change, our focus is at the forefront of these needs.



Stay abreast of UniTech's rollout of new products and processes which bridge the gap between PPE comfort and protection. As specialists we are dedicated to delivering relevant technology. Contact UniTech or your account manager to learn more.



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