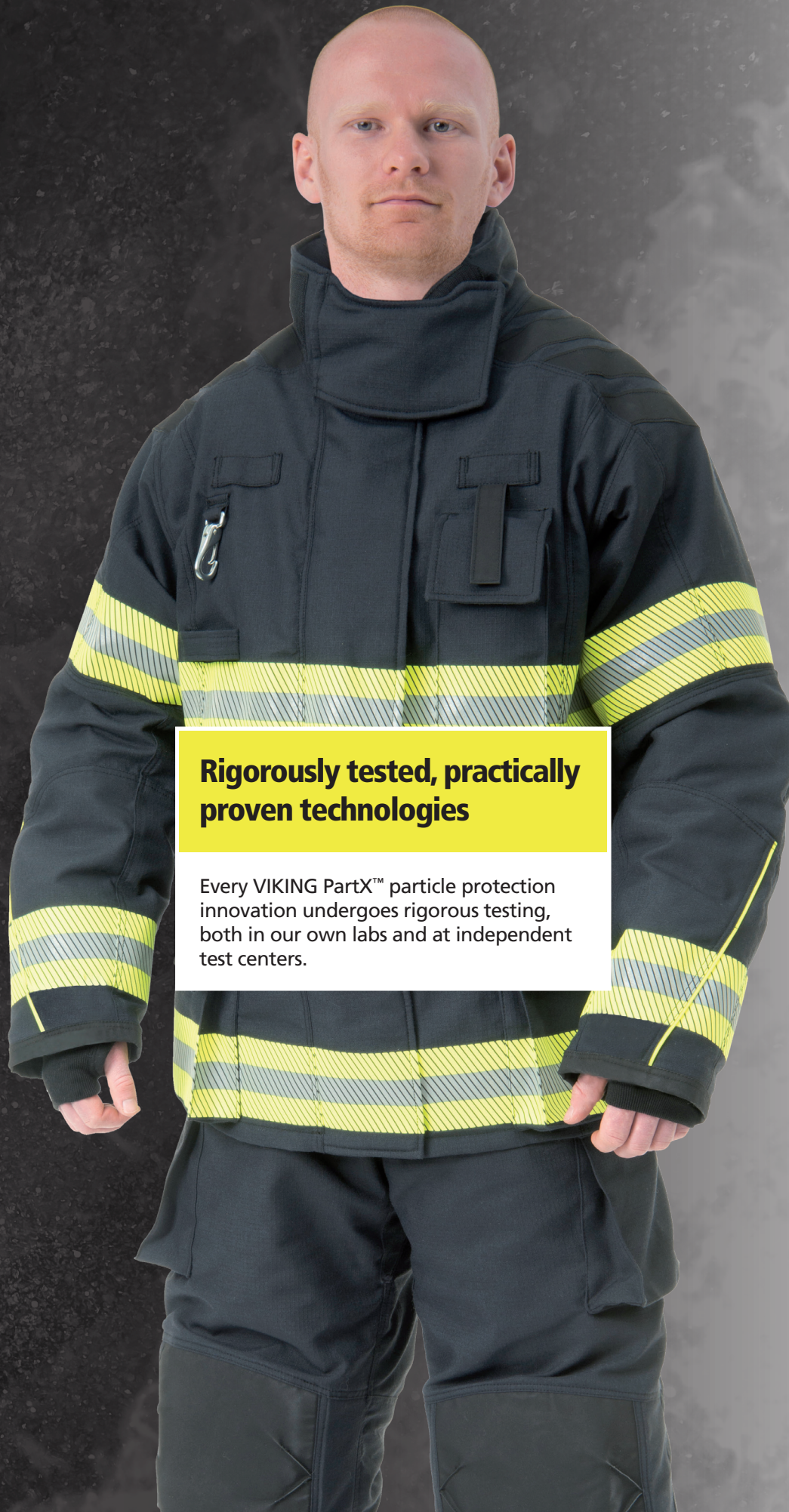




# Fighting for your complete protection

**PARTX™**

Particle Protection Technology



**Rigorously tested, practically proven technologies**

Every VIKING PartX™ particle protection innovation undergoes rigorous testing, both in our own labs and at independent test centers.

# Innovative approaches to a high-priority issue

**PARTX™**

**Introducing a multi-faceted particle protection strategy to suit the way you work**

## **We're fighting to reduce your exposure to hazardous particles**

Firefighting is difficult work – and so is the task of protecting firefighters from carcinogens and other harmful particles. At VIKING, we're focused on continuous development of our PartX™ technology, a multi-faceted, flexible approach to meeting complex and varying needs.

By working with researchers and experienced firefighters, and calling for more attention to the dangers of hazardous particles, VIKING has continually spearheaded the world's efforts to address this potential danger to health and well-being. Not just for the sake of firefighters themselves, but also for their colleagues, families and friends.

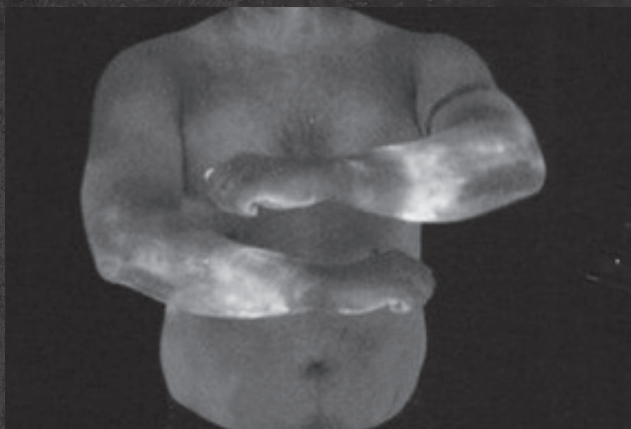
## **Committed to winning**

The fight for particle protection isn't over until not one single particle can make it through. So we're never satisfied with any one solution to the problem, constantly investing in further progress and bringing new innovations to the field in terms of particle protection, wearability, durability and workability.

And we test every component until there's no doubt that we've done everything possible with the best of today's approaches and materials.

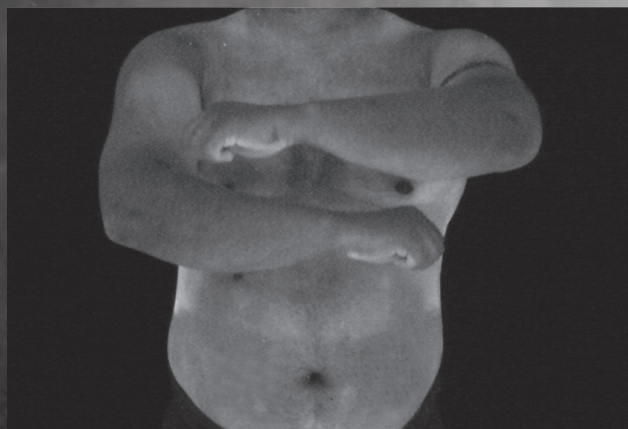
# Introducing the latest in protection approaches: PartX™

Working toward closing the gaps in particle protection



## Without PartX™

The sleeves and hems of turnout gears, for example, present multiple entry points for potentially hazardous particles to find their way to the firefighter's skin.



## With PartX™

With PartX™-equipped turnout gears\*, critical access points have been re-designed to present multi-stage barriers to entry. Independent tests demonstrate a significant particle-reducing effect.

VIKING's PartX™ technology is the result of years of development and refinement, taking advantage of technological progress in personal protective equipment materials, multi-layer designs and particle filtering capabilities from around the world.

**PartX™**  
Particle  
Protection  
Technology



**PARTX™**

\* Specific features depend on the model of turnout gears selected.

# Don't give hazardous particles a fighting chance

**PARTX™**

Working together with some of the greatest firefighters in the field, VIKING has pioneered and proven tactical PartX™ solutions offering a completely new level of particle protection.



## Removable outer shell

The VIKING MACS model has an outer shell that can be easily detached before returning to the station, reducing exposure to potentially harmful particles.



## Firmly closed cuffs

We've designed PartX™ cuffs to defend against particle entry with a special filtering solution, without uncomfortable tightening around the wrists.



## Pant cuffs with special closures

Unnoticed, particles have a tendency to slip in under hemlines. The new PartX™ closure helps prevent particles from entering while maintaining excellent mobility.



## Particle filtration hoods

PartX™ turnout gear can be integrated with VIKING's latest firefighting hoods equipped with DuPont™ Nomex® Nano Flex technology, maximizing protection at the neck and jaw line - key entry points for hazardous substances.



## Extra protection at waist

To further reinforce the protective barrier, we've designed a waist gaiter insuring better wearability and comfort. This feature comes as a standard when selecting PartX™ cuffs.

# Market-leading VIKING MACS gear

On scene detachable outer shell to minimize exposure and transfer of potentially harmful particles



*Developed in close cooperation with professional fire departments.*

VIKING MACS features an outer shell that can easily be detached by the firefighter on scene after exposure at an incident, leaving the inner liner as a fully wearable suit to be worn during debriefing and the return to the station.

Even with the outer shell removed, it continues to protect the wearer from the most common dangerous chemicals.



# Specially designed to help safeguard your health



Before getting back into the fire apparatus, simply remove and place the outer shell in a dissolvable washing bag. This effectively helps minimize dangerous particles on the garment surface from contact with firefighters and their environment during transport, washing, storage and other routine tasks.



*Inspired by the flexibility of modern combat gear, VIKING MACS has a modular personalization system of webbed loops, allowing you to place pockets, pouches or other accessories right where you need them.*



*We also offer a classic fixed pocket model without the webbed loops.*



# VIKING FIRE HOODS

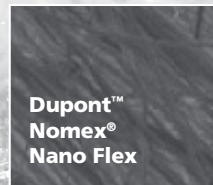
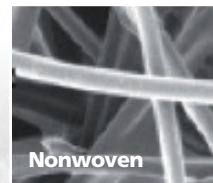
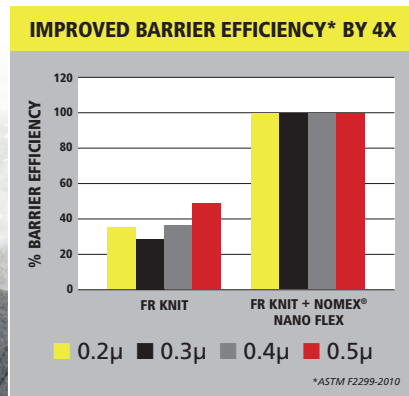
Featuring Dupont™ Nomex® Nano Flex technology

## Keep a cool (and safer) head



It's the latest breakthrough in filtration protection for firefighting headwear: a triple-layered, lightweight hood that makes the most of revolutionary DuPont™ Nomex® Nano Flex material. Now, you can get improved protection from particles at your neckline, ears and jaw – without compromising on comfort.

Thinner and lighter than other flame-resistant materials, DuPont™ Nomex® Nano Flex is a highly breathable material with superior filtration performance.



VIKING is a DuPont™ Nomex® Partner which means all of our products are subject to tough requirements and undergo extensive testing to ensure the best quality. DuPont™, Kevlar® and Nomex® are registered trademarks or trademarks of E.I. du Pont de Nemours and Company or its affiliates. VIKING is a licensed partner approved by W.L. Gore & Associates. GORE-TEX®, GORE® and CROSSTECH® are registered trademarks of W.L. Gore & Associates. VIKING has a co-operation agreement with PBI Performance Products, Inc. and PBI Trademarks are the registered trademark of PBI Performance Products, Inc. VIKING is a 3M® Quality Partner which means all of our products are subject to tough requirements and undergo extensive testing to ensure the best quality. 3M and Scotchlite are trademarks of 3M Company and its affiliates.

**VIKING LIFE-SAVING EQUIPMENT  
(Americas) Inc.**

1141 Ingleside Road, City: 23502 Norfolk, VA  
Tel.: (+1) 7578552233, Fax: (+1) 7578557533  
E-mail: NorfolkService@VIKING-life.com

WWW.VIKING-FIRE.COM