

# ProVent®

Biohazard Protection And  
Contamination Control

ProVent Plus

## NFPA1999 Certified Single-Use Garment Offers Economical Biohazard Protection.

- ProVent Plus NFPA 1999 certified single-use garment offers economical alternative to costly reusable apparel.
- Protects against Ebola infected blood and body fluids and other biohazards.
- ProVent Plus fabric passes both ASTM F1670 blood penetration and ASTM F1671 viral penetration tests.
- Microporous fabric offers a high moisture vapor transmission rate (MVTR) for greater comfort.
- Thumb loop attached to sleeve enhances comfort and protection (*photo left*).
- ProVent Plus Applications: Patient care and other healthcare settings, lab and diagnostic services, pharmacy work, autopsies, mortuary services.

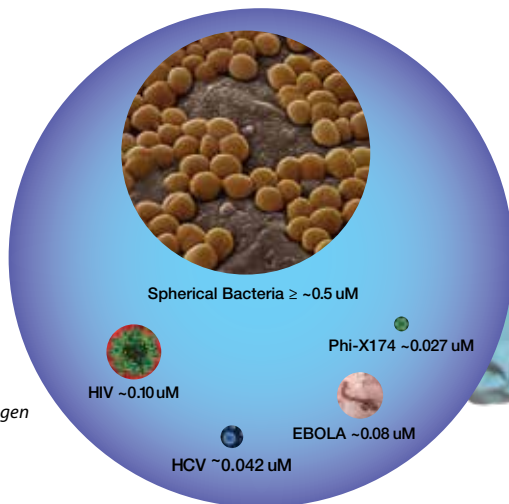


# Guidelines from OSHA and the CDC

OSHA and the CDC have issued a comprehensive PPE guidance document for workers who may be exposed to potentially infected blood and body fluids. Details include:

- The guidance is in a matrix format and identifies the type and level of PPE performance.
- It includes protective gowns and coveralls, described as *fluid resistant* or *impermeable*.
- Fluid resistant garments are specified where the risk of exposure to blood and body fluids is low. Fluid resistant garments are defined as those with fabrics and seams that meet certain industry standards for liquid repellency.
- Impermeable garments are specified for scenarios with high exposure risk. Impermeable garment definition references industry standards and test methods for blood and viral penetration resistance under pressure.
- Protection is achieved by a system of components. In addition to protective apparel, a proper system includes respiratory protection consistent with OSHA 29 CFR 1910.134, plus eye and face protection, examination gloves, boot/shoe covers and over aprons.

For more details visit [kappler.com](http://kappler.com).



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ProVent Plus Style PPH439-99 is certified to NFPA 1999 for use as part of a system of components with other protective equipment. The certified style does not include attached shoes/bootcovers.

NFPA certified garment made with heat sealed/taped seams on the inside.

Storm flap with pressure sensitive tape closure for additional protection.

**NOTE:**

NFPA certified style includes elastic ankles (NOT attached shoe/boot cover as shown in photo).

ProVent Plus Style PPH439-99 Is Not Made With Natural Rubber Latex.

**WARNING:** This information is based on technical data that Kappler believes to be reliable. It is subject to revision as additional knowledge and experience are gained. The website will contain Kappler's most up-to-date product information, and customers who receive pamphlets, brochures or other literature should be aware that such "hard copy" information may not be as current as the information on Kappler's website. Customers also should recognize that there are uses, environments and chemicals for which Kappler products, garments and/or fabrics are unsuitable. It is the responsibility of the user to review available data and verify that the product, garment and/or fabric is appropriate for the intended use and meets all specified government and/or industry standards. Also, the customer should review all available information on the website to understand the uses – and limitations – on ALL products, garments and fabrics which Kappler makes available. **CAUTION:** Do not use for fire protection. Avoid open flame or intense heat.

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