



Personal protective apparel for the healthcare sector



[tyvek.com/ppe](https://www.tyvek.com/ppe)



Safety and compliance are critical



Patient care goes beyond clinical duties—healthcare teams manage environments where hazardous chemicals, biological agents, and potent compounds are regularly present. From industrial cleaning and maintenance to pharmacy compounding and emergency decontamination, these tasks require robust protective apparel to safeguard staff and maintain compliance. With DuPont protective apparel, workers are protected from a variety of hazards so that they can perform tasks safely and productively.



Modesty cover-up

Workers and patients alike may require modesty garments after decontamination showering. Hospitals should be prepared for decontamination activities in the event that a hazmat incident occurs.



Facilities maintenance

Many workers require protection against particulates and light liquid splash hazards such as bleach while conducting dirty jobs and maintenance activities.



Industrial cleaning

Workers may need protection from liquid chemicals while cleaning and/or pressure washing. Protective apparel must hold out water-based chemicals, even under pressure.



Pharmacy compounding*

Many compounding pharmacies comply with USP 797, which includes protective garment implications. In addition, pharmaceutical compounding may entail handling hazardous active pharmaceutical ingredients (APIs), including the risk of dermal exposure.



Biological hazard handling

Hospital workers and emergency responders may face biological hazards and bloodborne pathogens. Proper PPE may help reduce the likelihood of contamination of workers' skin and clothing by potentially infectious agents.



Decontamination activities

Hospitals should have an emergency management plan that includes protective apparel for decontamination activities in the event of a hazmat incident. Appropriate protective apparel is essential to minimize risk of exposure to dangerous chemicals, bloodborne pathogens, and infectious materials during decontamination procedures.



*Hazardous powders & cytostatic chemicals

The information provided above is a guide only. It is important to conduct a detailed assessment of hazard identification, levels of protection required, hazard toxicity, performance requirements, mechanical requirements and comfort considerations prior to selection. Detailed information on the permeation breakthrough times of chemicals for the coverall fabrics is available on safespec.dupont.com.

DuPont Garment Fabric & Hazard Matrix



Task	ProShield® 10*	ProShield® 50*	Tyvek® 400*	Tyvek® 800*	Tyvek® IsoClean®*	Tychem® 2000*	Tychem® 5000*	Tychem® 6000*
Modesty cover-up	•		•					
Facilities maintenance		•	•					
Industrial cleaning				•		•		
Pharmacy compounding				•	•	•		
Biological hazard handling				•		•	•	•
Decontamination activities							•	•

*More garment styles available.

The user must ensure suitable reagent to garment compatibility before use. Visit safespec.dupont.com to determine the most appropriate DuPont protective garments for your chemical hazard.

Depends on the exposure scenario, for biological hazards Tyvek® 800 and Tychem® taped seam garments should be considered as both fabric and taped seams are tested according to ASTM F1670 and ASTM F1671 standards.

WARNING: Tyvek®, ProShield®, and most Tychem® garments, should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

As of January 2023, all DuPont Personal Protection products are manufactured under specifications that exclude components containing natural rubber latex. Tyvek® 500, Tyvek® 600 and Tyvek® 800 styles made before January 2023 contain natural rubber latex, which may cause allergic reactions in some sensitized individuals. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products and should report it to DuPont at +1 (888) 439-2988 so that an investigation can be initiated.

This information is based upon technical data that DuPont believes to be reliable. It is subject to revision as additional knowledge and experience become available. It is the user's responsibility to determine the level of toxicity, and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. This information is intended for use by persons having the technical expertise to undertake evaluation under their own specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first check that the garment selected is suitable for the intended use. The end-user should discontinue use of garment if fabric becomes torn, worn or punctured, to avoid potential chemical exposure. Since conditions of use are beyond our control, DUPONT DE NEMOURS, INC. AND ITS AFFILIATES MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THESE PRODUCTS AND INFORMATION. This information is not intended as a license to operate under or a recommendation to infringe any trademark, patent or technical information of DuPont or other persons covering any material or its use.

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