



# Protective apparel solutions for environmental services



[tyvek.com/ppe](http://tyvek.com/ppe)



# Safety and compliance are critical

The world of environmental services is complex and ever-changing. There is increasing need for safe and effective environmental service support for communities and industries, including site remediation, industrial waste management and disposal, recycling and disaster response services. There is strong government oversight and focus on environmental protection with the expectation that industrial, military and commercial entities will manage their waste and mitigate associated risks swiftly and safely.

[The selection of personal protective equipment \(PPE\) is the responsibility of employers under the Occupational Safety and Health Administration standard OSHA 1910.132.](#)

At DuPont Personal Protection, we understand the value environmental companies place on protecting their employees and making sure they are armed with the correct type and amount of PPE to do the job.

## People and services



Broad national and international distribution network and direct sales teams allow you to always find what you need



Training and support for selection of chemical-protective clothing



Certified Industrial Hygienist access/consultation regarding job hazards, chemical mixtures, complex scenarios and corresponding PPE selection



Self-service chemical protective apparel selection, permeation database access and product information using DuPont™ SafeSPEC™ and SafeSPEC™ mobile

## Products



Largest portfolio of garments across the range of hazards, from dry particles to chemical warfare agents, with Level A and CR/FR options



Durable and breathable DuPont™ Tyvek® protective apparel



Unmatched chemical permeation database of results against our DuPont™ Tychem® fabrics



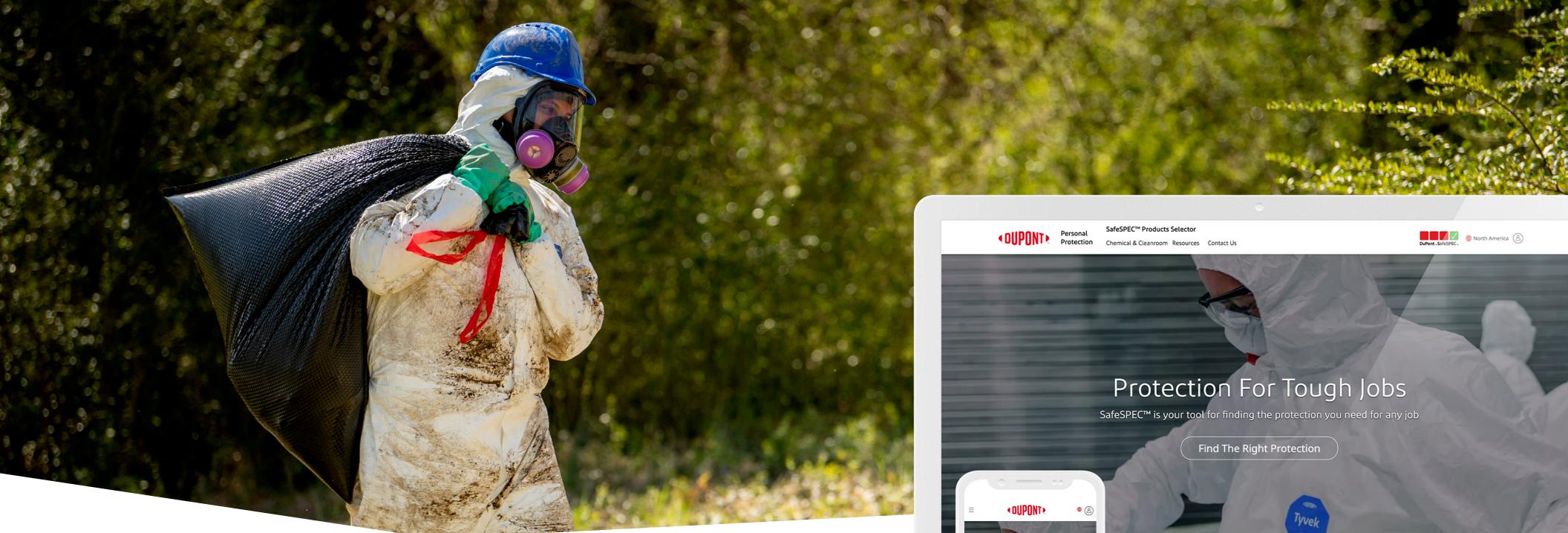
In compliance with regulatory standards: NFPA, ISO, ASTM, ANSI, ISEA and TAA/government





Task	Hazards	ProShield® 50	Tyvek® 400	Tyvek® 400 SFR	Tyvek® 500 HP	Tyvek® 600	Tyvek® 800	Tychem® 2000	Tychem® 2000 SFR	Tychem® 4000	Tychem® 5000	Tychem® 6000	Tychem® 6000 SFR	Tychem® 10000
Spill response	Biological hazards (ASTM F1670/F1671)							✓	✓	✓	✓	✓	✓	✓
	Biological hazards (ISO 16603/16604)							✓	✓					
	Sanitization	✓	✓	✓	✓	✓	✓	✓	✓					
	Unknown situations (chemical, biological)											✓	✓	✓
Industrial cleaning/ tank cleaning	Jet spray or pure chemical exposure, biological hazards							✓	✓	✓	✓	✓	✓	✓
	Dry particle hazards & non-FR environment	✓	✓			✓	✓	✓						
Abatement/ remediation	Dry particle hazards & FR environment				✓									
	Light liquid chemical splash/spray (non-FR environment)					✓	✓	✓	✓					
	Dry & liquid hazards & FR environment									✓				✓
	Dry particle hazards & non-FR environment	✓	✓			✓	✓	✓	✓					
Waste handling, disposal, recycling	Dry particle hazards & FR environment				✓									
	Dry & liquid hazards & FR environment									✓				✓
	Biological hazards (ASTM F1670/F1671)							✓	✓	✓	✓	✓	✓	✓
	Biological hazards (ISO 16603/16604)					✓	✓							
Incineration/ chemical neutralization	Chemical exposure (various)							✓	✓	✓	✓	✓	✓	✓
	Chemical exposure (various)							✓	✓	✓	✓	✓	✓	✓
	Chemical & flame exposure							✓						✓

Comparison within the DuPont portfolio: ✓ Acceptable for use  
(Blank) Not recommended



**DuPont Personal Protection**  
**Customer service 1 800 931 3456**  
[safespec.dupont.com](http://safespec.dupont.com)  
[personalprotection.dupont.com](http://personalprotection.dupont.com)

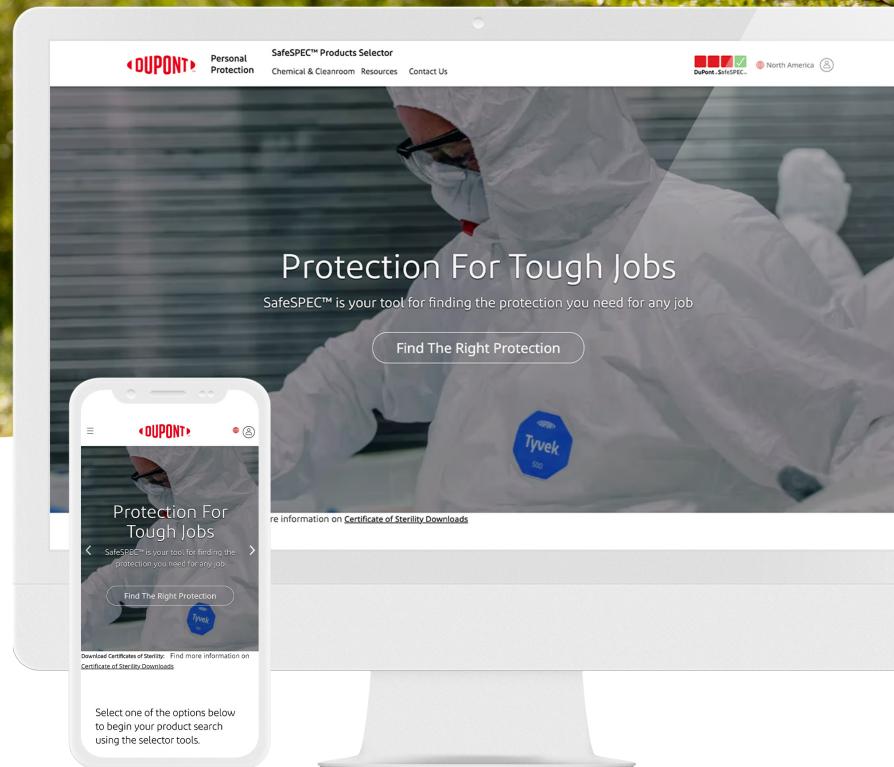
\*\* WARNING: Tyvek®, ProShield®, and most Tychem® garments, should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

NOTE: Tyvek® 400 SFR, Tychem® 2000 SFR and Tychem® 6000 SFR garments provide only secondary flame-resistant (SFR) protection. They must always be worn over appropriate primary flame-resistant protective clothing in an environment that needs flame protection, along with other personal protective equipment that protects your face, hands and feet. For SFR hooded garments, a primary flame-resistant hood/balaclava should be worn. Do not knowingly enter an environment in which the concentration of flammable gas is within flammable or explosive limits when wearing these garments. Retreat immediately if you encounter such an environment. SFR garments are not intended for firefighting activities, nor for protection from hot liquids, steam, molten metals, welding or thermal radiation.

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.

All DuPont Personal Protection products are manufactured under specifications that do not contain silicone, with some exceptions. Tyvek® friction-coated shoe covers or Tyvek® garments with friction-coated shoe covers might contain silicone. This includes styles TY122, TY121, FC450 and FC454. Tychem® 6000 AL styles TF630 and TF640T contain a silicone valve diaphragm. End users who are consuming these styles and who have concerns about silicone contamination should conduct their own testing to ensure they are suitable for their application(s).

[DuPont™ Tyvek®](#)  
 [DuPont Personal Protection](#)



Garments should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers or other garment surfaces in conditions where slipping could occur. Some Tychem® garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

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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