

# DuPont Personal Protection

2024 Product catalog



«DUPONT»  
Tyvek  
600

«DUPONT»  
Tyvek

«DUPONT»  
Tychem

«DUPONT»  
ProShield



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## Original garment name

- Tyvek® Dual
- Tyvek®
- Tyvek® new garment
- Tyvek® Xpert
- Tyvek® Plus
- Tyvek® Plus new garment

## Original garment name

- new garment
- Tychem® QC
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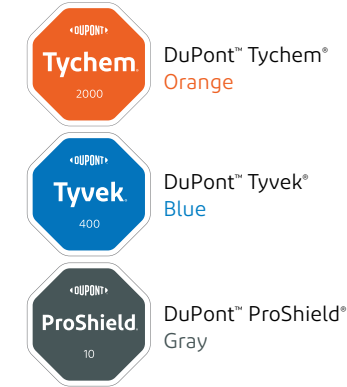
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# One simple system

All garment patches are in the shape of a stop sign and each is assigned a color.



We've simplified our product identification system by replacing the original product names with an easy-to-follow numeric system. The higher the number, the greater the protection—it's that simple.

For example, Tychem® QC is now Tychem® 2000.

Tyvek® is now Tyvek® 400.



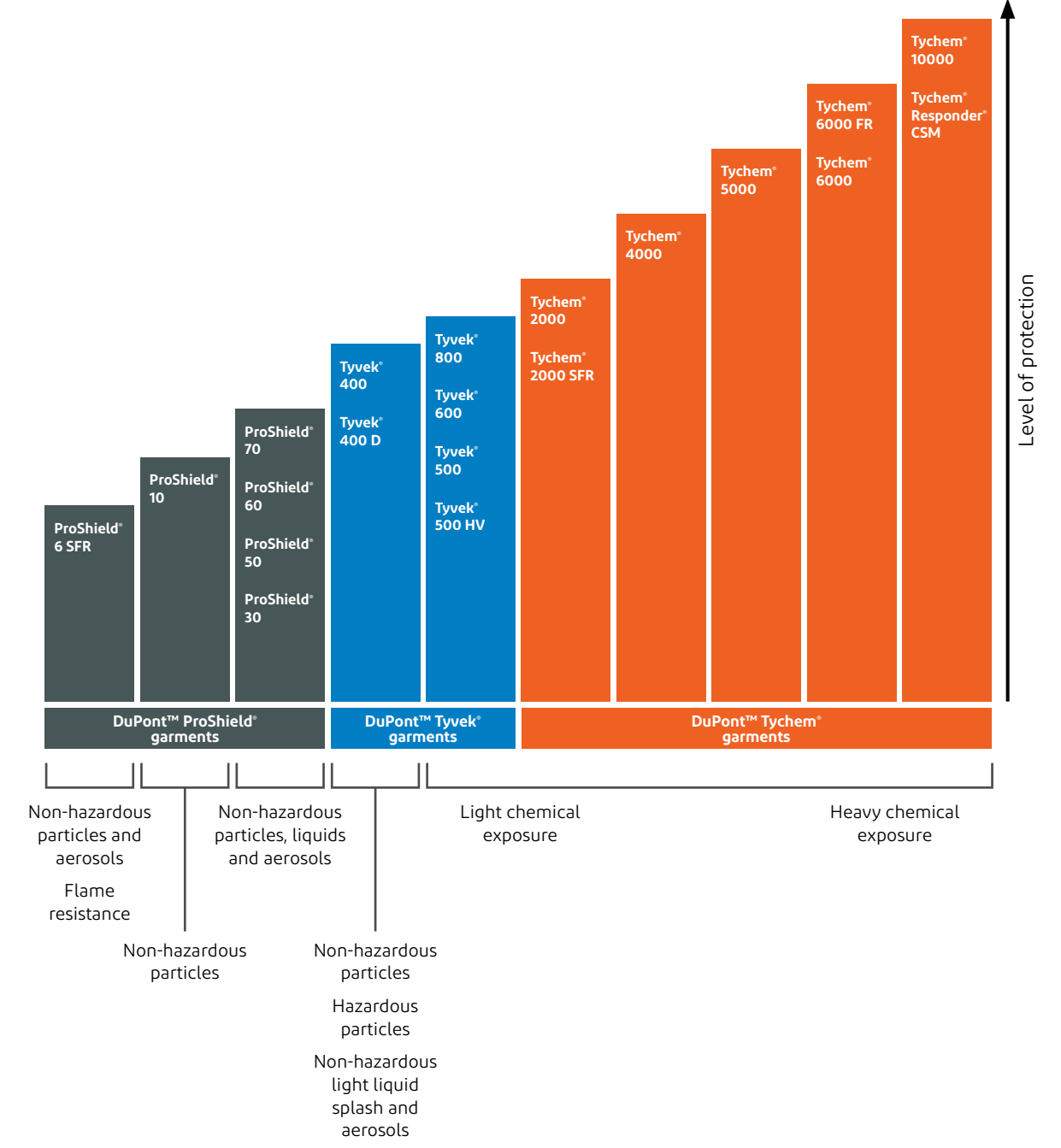
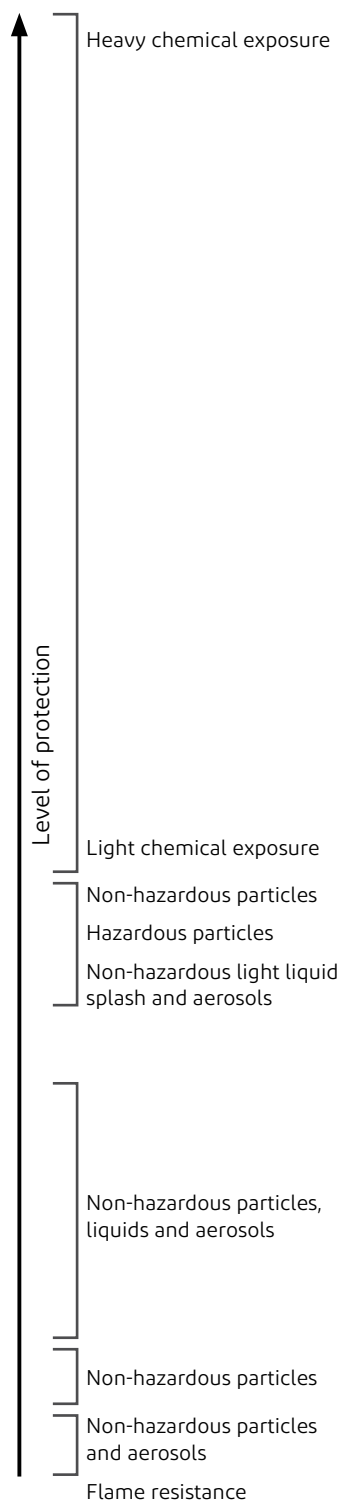
We've updated our SafeSPEC™ selector tool to reflect the new product identification system.

Visit [safespec.dupont.com](https://safespec.dupont.com) to search by industry or hazard to help you select a garment.



Original	New
<b>DuPont™ Tychem® garments</b>	
Tychem® TK	<b>Tychem® 10000</b>
Tychem® RESPONDER® CSM	<b>Tychem® Responder® CSM</b>
Tychem® ThermoPro	<b>Tychem® 6000 FR</b>
Tychem® F	<b>Tychem® 6000</b>
Tychem® CPF 3	<b>Tychem® 5000</b>
Tychem® SL	<b>Tychem® 4000</b>
Tychem® QC	<b>Tychem® 2000</b>
new garment	<b>Tychem® 2000 SFR</b>
<b>DuPont™ Tyvek® garments</b>	
new garment	<b>Tyvek® 800</b>
Tyvek® Plus	<b>Tyvek® 600</b>
Tyvek® Xpert	<b>Tyvek® 500</b>
new garment	<b>Tyvek® 500 HV</b>
Tyvek®	<b>Tyvek® 400</b>
Tyvek® Dual	<b>Tyvek® 400 D</b>
<b>DuPont™ ProShield® garments</b>	
ProShield® 3	<b>ProShield® 70</b>
ProShield® NexGen®	<b>ProShield® 60</b>
new garment	<b>ProShield® 50</b>
DuPont™ SureStep™	<b>ProShield® 30</b>
ProShield® Basic	<b>ProShield® 10</b>
DuPont™ Tempro®	<b>ProShield® 6 SFR</b>

D = Dual FR = Flame-resistant SFR = Secondary flame-resistant





# Choosing a garment

Before searching for an appropriate chemical protective garment, you should assess the nature of the hazard and the working environment. Different factors including concentration, temperature and pressure must be matched to the garment's fabric, design and seam construction.

## Fabric

No matter what the brand or trade name, almost all limited-use protective apparel products can be classified into one of a few general fabric technologies. It is important to understand the performance attributes of the fabric being used for a given application. Why? Not all fabrics used in chemical protective garments are the same. From exclusive technologies such as DuPont™ Tychem® and DuPont™ Tyvek® to spunbond-meltblown-spunbond (SMS) and microporous film fabrics, DuPont offers a variety of fabrics with different levels of comfort, durability, breathability and protection to meet your specific needs.

In order to select the appropriate protective garment, it is crucial to know how well the fabric used in the garment provides a barrier to specific hazardous materials.

Testing for chemical protective fabrics can be divided into two primary categories:

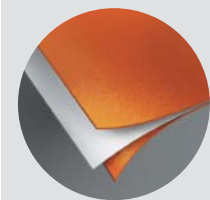
- 1) penetration testing—appropriate for particle hazards
- 2) permeation testing—appropriate for liquid and gaseous hazards

Penetration occurs when there is bulk movement of a material through a pore, hole, gap or defect in the fabric and is the proper method to evaluate particle barrier. Permeation, on the other hand, occurs when there is movement of the material through the barrier fabric on a molecular level. It is possible for a liquid or vapor to permeate through a fabric even when there is no observed opening in the fabric. Permeation testing is a more sensitive and representative way of characterizing the interaction of liquids and gases with the barrier fabric. Permeation testing is critical for fabrics that are exposed to hazardous liquids, vapors or gases.

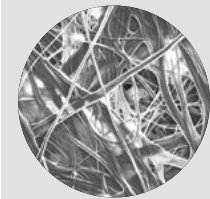
## Fabric technologies typically used in DuPont protective garments

All images are magnified.

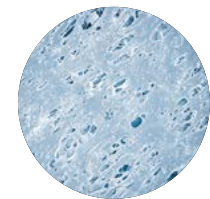
### Exclusive DuPont technologies



**Tychem®**  
Chemical barrier fabrics specifically engineered for protection over a range of hazards.



**Tyvek®**  
Tyvek® is high-density polyethylene fibers entangled into a protective material—with no fillers or thin films to wear away. Made only by DuPont, it offers superior protection and durability.



**Microporous films (MPF)**  
Bi-laminate with a thin microporous film layer on a spunbonded polypropylene nonwoven, these fabrics offer limited durability—barrier protection is lost when the film layer is abraded.



**Spunbond-meltblown-spunbond (SMS)**  
SMS fabrics rely on the meltblown polypropylene layer in the middle of the open tri-laminate polypropylene structure to act as the main filter for particles.

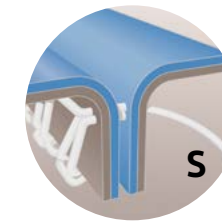
**Spunbond polypropylene (SBPP)**  
With their highly open structure, SBPP fabrics offer negligible barrier protection.

Increased fabric performance

# Choosing a garment

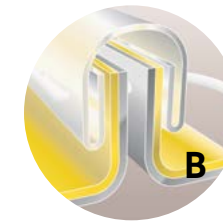
## Seam construction

Seams are a critical component of the overall barrier protection provided by a chemical protective garment. It is vital to select the appropriate seam configuration for your application needs and to know that the garment will be constructed with strong, tight seams. One loose thread or gap and the barrier between you and your environment unravels—leaving you vulnerable.



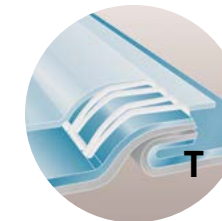
**Serged or sewn\***

A seam produced when three threads are interlocked around the raw edges of two pieces of material for a strong, stress-resistant seam.



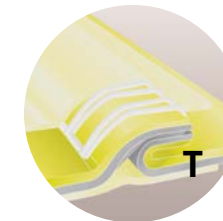
**Bound\***

Tightly sewn with a reinforced outer binding to increase seam strength and barrier. For potential misting exposure of non-hazardous liquids or particle penetration through the seam.



**Taped**

Both sewn and taped to provide strong chemical resistance against heavy liquid splashes and tough seam stress.



**Double taped**

Sewn, then taped on the inside and the outside of the seam for a very strong chemical- and stress-resistant seam.

A sewn seam is covered with a strip of compatible material by heat-sealing.

\*Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.



**High visibility**



**High visibility**



**Low visibility**

High visibility can be either a help or a hindrance for emergency responders. For example, in hazardous situations, it is critical that emergency responders can be easily seen. In addition, hazardous material emergencies often occur in poorly lit environments—thus the need for high visibility.

The high-visibility colors chosen for DuPont™ Tychem® and DuPont™ Tyvek® fabrics were based on extensive research. For example, the human eye is more sensitive to the lime yellow of Tychem® 10000, the safety yellow color of Tychem® 2000 fabrics and the bright orange fluorescent color of Tyvek® 500 HV. Silver gray retroreflective bands on Tyvek® 500 HV also enhance night visibility. On the other hand, there are instances when being visible is dangerous. When discretion is preferred—or required—special low-visibility fabrics, such as Tychem® 2000 SFR and Tychem® 5000, are harder to see and blend into a variety of environments.

## Garment style

DuPont offers a wide variety of garment styles—from hoods and shoe covers to aprons, coveralls and fully encapsulated suits.

Fully encapsulated suits are available with front or rear entry, with a flat back for airline accommodation or an expanded back for SCBA accommodation.

## Hoods



**Standard**



**Respirator fit**



**Elastomeric face seal**

In addition to our standard hood design, many of our garments offer a respirator fit hood. These hoods are designed with a longer zipper for complete coverage of the neck area.

## Faceshields



**Standard**



**EX (extra-wide)**

In addition to the standard faceshield, DuPont has several garment styles that offer a greater field of vision, enabling the wearer to see more of what they are dealing with, reducing missteps and allowing more natural movement and better eye contact.

The EX (extra-wide) faceshield options on Tychem® 10000 Level A garments feature a wraparound design that provides ample room for a mask-mounted regulator. This faceshield is wider and longer, providing expanded peripheral and vertical viewing.

# Product part numbers

To simplify ordering and inventory management, we developed a simple, logical and intuitive product part numbering system. Using only 16 characters, each part number comprises abbreviations that provide all the information you need.



## Fabric

The first two characters are the fabric description.

Abbreviations

### DuPont™ Tychem®

- TK** 10000
- RC** Responder® CSM
- TP** 6000 FR
- TF** 6000
- C3** 5000
- SL** 4000
- QC** 2000
- QS** 2000 SFR
- 99** Accessories

### DuPont™ Tyvek®

- TJ** 800
- TY** 600
- TY** 500
- TY** 500 HV
- TY** 400
- TD** 400 D
- FC** 400 FC

### DuPont™ ProShield®

- P3** 70
- NG** 60
- NB** 50
- PE** 30
- PB** 10
- TM** 6 SFR

## Style

DuPont offers a wide array of garment styles—from hoods, aprons and coveralls to fully encapsulated suits.

Each garment style has a unique three-digit code.

## Seam construction

Abbreviations

- S** Serged or sewn
  - B** Bound
  - T** Taped or double taped
- See page 7 for details.

## Color

Several DuPont fabrics are available in color options.

Abbreviations

- BU** Blue
- GR** Green
- GY** Gray
- HV** High-visibility orange
- LY** Lime yellow
- OR** Orange
- TN** Tan
- WH** White
- YL** Yellow

## Size

Many DuPont garments are available in a range of sizes; refer to catalog descriptions for details.

Abbreviations\*

- XS** Extra small
- SM** Small
- MD** Medium
- LG** Large
- XL** Extra large
- 2X** 2 Extra large
- 3X** 3 Extra large
- 4X** 4 Extra large
- 5X** 5 Extra large
- 6X** 6 Extra large
- 7X** 7 Extra large
- 8X** 8 Extra large
- 00** Universal

## Case count

The number of garments per case.

## Options

Abbreviations such as

- TV** Trade Agreement Act compliant
- VP** Vend packed

Not all option codes are available for all products; refer to catalog descriptions for details.

See next page for abbreviations.

\*Please refer to DuPont™ SafeSPEC™ for sizing information and garment dimensions. Additional sizing charts available on pages 44 and 45.

# Product part numbers

## Option code abbreviations

- 00** Standard offering
- 0B** Bulk pack
- 5C** Viton™ butyl
- 5V** Viton™ butyl
- 7C** MSA connector pass-thru CAMDS (#491335) right side
- 7M** MSA dual purpose w/Foster fitting 990060
- 7N** MSA quick fill w/Schrader fitting 990190
- 7R** MSA dual purpose #495670 Hansen fitting (left front waist)
- 7S** Scott® pass-thru #803620-01 Hansen fitting (right side)
- 7W** Interspiro pass-thru #33689006
- BN** Berry Amendment compliant
- CM** White & blue color
- G1** Reduced case quantity
- HL** Hook-and-loop
- JF** CPE sleeve cuff and jam fit glove insert
- LA** DuPont™ Tyvek® 500 standard
- LG** 8.25" high shoe cover
- NF** USMCA/TAA compliant
- NP** Respirator fit hood and storm flap
- NS** Non-skid material
- PI** Packaged individually
- RF** Respirator fit hood
- SR** Skid resistant
- TV** Trade Agreement Act compliant
- VP** Vend packed
- XC** X-pattern on back
- YU** Extra long

## Option codes for DuPont Controlled Environments garments\*:

- CS** Clean-processed and sterile
- DS** Clean-processed and sterile, double-bagged
- OS** Sterile
- TS** Sterile, double-bagged
- OC** Clean-processed
- PI** Packaged individually
- 00** Bulk
- 0B** Bulk

\*See pages 46-48 for DuPont Controlled Environments garments.

# Product packaging

## Vend packed

Some garments are available for use in vending machines. These garments feature option code **VP**.



## New packaging

Our new packaging is labeled with the same stop sign shapes as the garments.



# Permeation data



## Mid-level DuPont™ Tychem® garments



21 Industrial chemicals ASTM F1001 Original garment name	CAS #	Physical phase	Tychem® 2000 SFR New garment	Tychem® 2000* QC	Tychem® 4000* SL	Tychem® 5000 CPF 3	Tychem® 6000 F	Tychem® 6000 FR ThermoPro
Acetone (95%)	67-64-1	L	imm.	imm.	13	462	>480	>480
Acetonitrile (95%)	75-05-8	L	imm.	imm.	60	imm.	131	>480
Ammonia (95%)	7664-41-7	G	imm.	imm.	26	imm.	20	90
1, 3-Butadiene (95%)	106-99-0	G	imm.	imm.	>480	>480	>480	>480
Carbon disulfide (95%)	75-15-0	L	imm.	imm.	imm.	imm.	>480	>480
Chlorine (95%)	7782-50-5	G	nt	imm.	>480	40	>480	>480
Dichloromethane (95%)	75-09-2	L	nt	imm.	imm.	imm.	imm.	imm.
Diethylamine (95%)	109-89-7	L	nt	imm.	15	>480	>480	>480
N, N-Dimethylformamide (95%)	68-12-2	L	nt	imm.	90	>480	>480	>480
Ethyl acetate (95%)	141-78-6	L	nt	imm.	imm.	>480	>480	>480
Ethylene oxide (95%)	75-21-8	G	nt	imm.	imm.	12	126	>480
n-Hexane (95%)	110-54-3	L	nt	imm.	imm.	>480	>480	>480
Hydrogen chloride (95%)	7647-01-0	G	nt	imm.	>480	>480	>480	>480
Methanol (95%)	67-56-1	L	nt	imm.	>480	imm.	117	>480
Methyl chloride (95%)	74-87-3	G	nt	imm.	>480	>480	>480	>480
Nitrobenzene (95%)	98-95-3	L	nt	imm.	59	>480	>480	>480
Sodium hydroxide (50%)	1310-73-2	L	>480	>480	>480	>480	>480	>480
Sulfuric acid (95%)	7664-93-9	L	>480	>480	>480	>480	>480	50
1, 1, 2, 2-Tetrachloroethylene (95%)	127-18-4	L	nt	imm.	imm.	>480	>480	>480
Tetrahydrofuran (95%)	109-99-9	L	nt	imm.	imm.	>480	>480	>480
Toluene (95%)	108-88-3	L	nt	imm.	imm.	>480	>480	>480
<b>Chemical warfare agents**</b>								
Lewisite (L)	541-25-3	L	nt	nt	>360 <sup>1</sup>	120 <sup>1</sup>	360 <sup>2</sup>	360 <sup>2</sup>
Mustard (HD)	505-60-2	L	nt	nt	>480 <sup>1</sup>	120 <sup>1</sup>	>480 <sup>2</sup>	>480 <sup>2</sup>
Tabun (GA)	77-81-6	L	nt	nt	nt	nt	>480 <sup>4</sup>	>480 <sup>4</sup>
Sarin (GB)	107-44-8	L	nt	nt	>480 <sup>3</sup>	120 <sup>3</sup>	>480 <sup>4</sup>	>480 <sup>4</sup>
Soman (GD)	99-64-0	L	nt	nt	nt	>480 <sup>3</sup>	>480 <sup>4</sup>	>480 <sup>4</sup>
VX Nerve Agent	50782-69-9	L	nt	nt	>480 <sup>3</sup>	>480 <sup>3</sup>	>480 <sup>4</sup>	>480 <sup>4</sup>

**Index of codes:** > = greater than, imm. = immediate (<10 minutes), nt = not tested, L = liquid, G = gas

Normalized Breakthrough Time (NBT) shown in minutes.  
\*Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

### Actual Breakthrough Time in minutes.

Permeation testing on chemicals is in accordance with ASTM F739, *Standard Test Method for Resistance of Protective Clothing Materials to Permeation by Liquids or Gases Under Conditions of Continuous Contact*. All tests are conducted at room temperature unless otherwise noted. Reported results are Normalized Breakthrough Times defined by ASTM F739 as the time (in minutes) when the permeation rate reaches 0.1 µg/cm<sup>2</sup>/min.

The product information contained is current as of the date of publication, but may be revised as new information is developed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. Before relying on any performance data for the purchase or performance of products, you should check safespec.dupont.com or contact DPP Customer Service at 1-800-931-3456 to determine whether there is new information that relates to your intended use or application of the product.

Note: Numbers reported are averages of samples tested. Sample results vary.

All DuPont permeation testing is performed by a third party.

\*\* Chemical warfare agents are tested according to the following protocols. All chemicals have been tested at a concentration of greater than 95% unless otherwise stated. All tests are performed at 22°C and 50% R.H. Actual Breakthrough Times, in minutes, are reported:

<sup>1</sup> Protocol DN3-MIL-STD-282, Method T-209 (HD) or modified for Lewisite, for 8 hours at 10 g/m<sup>2</sup>.

<sup>2</sup> Protocol DN4-MIL-STD-282, Method T-209 (HD) or modified for Lewisite, for 8 hours at 100 g/m<sup>2</sup> (total coverage).

<sup>3</sup> Protocol DN5-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, for 8 hours at 10 g/m<sup>2</sup>.

<sup>4</sup> Protocol DN6-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, for 8 hours at 100 g/m<sup>2</sup> (total coverage).

# Permeation data



## High-level DuPont™ Tychem® garments



21 Industrial chemicals ASTM F1001 Original garment name	CAS #	Physical phase	Tychem® Responder® CSM RESPONDER® CSM	Tychem® 10000 TK
Acetone (95%)	67-64-1	L	>480	>480
Acetonitrile (95%)	75-05-8	L	>480	>480
Ammonia (95%)	7664-41-7	G	>480	>480
1, 3-Butadiene (95%)	106-99-0	G	>480	>480
Carbon disulfide (95%)	75-15-0	L	>480	>480
Chlorine (95%)	7782-50-5	G	>480	>480
Dichloromethane (95%)	75-09-2	L	>480	>480
Diethylamine (95%)	109-89-7	L	>480	>480
N, N-Dimethylformamide (95%)	68-12-2	L	>480	>480
Ethyl acetate (95%)	141-78-6	L	>480	>480
Ethylene oxide (95%)	75-21-8	G	>480	>480
n-Hexane (95%)	110-54-3	L	>480	>480
Hydrogen chloride (95%)	7647-01-0	G	>480	>480
Methanol (95%)	67-56-1	L	>480	>480
Methyl chloride (95%)	74-87-3	G	>480	>480
Nitrobenzene (95%)	98-95-3	L	>480	>480
Sodium hydroxide (50%)	1310-73-2	L	>480	>480
Sulfuric acid (95%)	7664-93-9	L	>480	>480
1, 1, 2, 2-Tetrachloroethylene (95%)	127-18-4	L	>480	>480
Tetrahydrofuran (95%)	109-99-9	L	>480	>480
Toluene (95%)	108-88-3	L	>480	>480
<b>Chemical warfare agents**</b>				
Lewisite (L)	541-25-3	L	>480 <sup>1</sup>	>480 <sup>2</sup>
Mustard (HD)	505-60-2	L	>480 <sup>2</sup>	>480 <sup>2</sup>
Tabun (GA)	77-81-6	L	>480 <sup>3</sup>	>480 <sup>4</sup>
Sarin (GB)	107-44-8	L	>480 <sup>4</sup>	>480 <sup>4</sup>
Soman (GD)	99-64-0	L	>480 <sup>3</sup>	>480 <sup>4</sup>
VX Nerve Agent	50782-69-9	L	>480 <sup>4</sup>	>480 <sup>4</sup>

**Index of codes:** > = greater than, imm. = immediate (<10 minutes), nt = not tested, L = liquid, G = gas

Normalized Breakthrough Time (NBT) shown in minutes.  
\*Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

### Actual Breakthrough Time in minutes.

Permeation testing on chemicals is in accordance with ASTM F739, *Standard Test Method for Resistance of Protective Clothing Materials to Permeation by Liquids or Gases Under Conditions of Continuous Contact*. All tests are conducted at room temperature unless otherwise noted. Reported results are Normalized Breakthrough Times defined by ASTM F739 as the time (in minutes) when the permeation rate reaches 0.1 µg/cm<sup>2</sup>/min.

The product information contained is current as of the date of publication, but may be revised as new information is developed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. Before relying on any performance data for the purchase or performance of products, you should check safespec.dupont.com or contact DPP Customer Service at 1-800-931-3456 to determine whether there is new information that relates to your intended use or application of the product.

Note: Numbers reported are averages of samples tested. Sample results vary.

All DuPont permeation testing is performed by a third party.

\*\* Chemical warfare agents are tested according to the following protocols. All tests are performed at 22°C and 50% R.H. Actual Breakthrough Times, in minutes, are reported:

<sup>1</sup> Protocol DN3-MIL-STD-282, Method T-209 (HD) or modified for Lewisite, for 8 hours at 10 g/m<sup>2</sup>.

<sup>2</sup> Protocol DN4-MIL-STD-282, Method T-209 (HD) or modified for Lewisite, for 8 hours at 100 g/m<sup>2</sup> (total coverage).

<sup>3</sup> Protocol DN5-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, for 8 hours at 10 g/m<sup>2</sup>.

<sup>4</sup> Protocol DN6-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, for 8 hours at 100 g/m<sup>2</sup> (total coverage).



# Product line by hazard

When it comes to addressing a broad range of hazards in the workplace, specifiers have many product options from which to select. The process to understand which option matches a given situation can be confusing and taxing. DuPont Personal Protection has tried to reduce some of that burden by providing a complete line of products with supporting information to help guide specifiers through the selection process.

To get the most out of your personal protective equipment (PPE), it is necessary to understand where the products are intended to be used. DuPont™ SafeSPEC™ is a sophisticated,

## DuPont™ Tyvek® and DuPont™ ProShield® products

### Typical general industrial hazards/description/examples

Garment	Non-hazardous								Hazardous										NFPA	
	Particles		Aerosol	Light liquid splash*			Fertilizer	Pesti- cides	Asbestos	Lead	Chromium	Beryllium	Mold	Fiber- glass	Carbon	Radio- active particles	Isocyanate containing particles	Bio- hazards**		Flame resistance***
	General dirt & grime	Animal waste	Sanding & grinding waste	Spray paint	Oil & grease	Lubri- cants														
Tyvek® 400	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	●	
Tyvek® 500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tyvek® 500 HV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tyvek® 600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tyvek® 800	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ProShield® 70	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ProShield® 60	●	●	●	✓	✓	✓	✓	✓	●	●	●	●	●	●	●	●	●	✓	●	
ProShield® 50	●	●	●	✓	✓	✓	✓	✓	●	●	●	●	●	●	●	●	●	●	●	
ProShield® 30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ProShield® 10	●	●	●	●	●	●	●	●												
ProShield® 6 SFR	●	●	●	●	●	●														✓

✓ Generally preferred ● Acceptable for use

\*Liquid barrier performance varies based on the amount of liquid that may get on the garment, the length of time the liquid is on the garment, applied pressure and certain physical properties of the liquid. Tyvek® and ProShield® garments are not appropriate if during use they are getting wet (liquid is dripping or running, or it is wet to the touch) or if spotting is observed on skin or garments worn under the protective garment. Serged and bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present. Tyvek® 600 and Tyvek® 500 garments use a special type of Tyvek® fabric, which has different physical properties and improved chemical resistance properties when compared to fabric used in standard Tyvek® garments. Additionally, the seams used in standard Tyvek® garments are different than the seams for Tyvek® 600 and Tyvek® 500 garments. Tyvek® 600 garments offer seams that are sewn and then taped, and Tyvek® 500 garments offer external serged seams, where the seam thread is visible on the outside of the garment. Tyvek® 500 and Tyvek® 600 offer improved liquid barrier, but may not be appropriate if spotting is observed on the skin or garments worn under the protective garment. In applications where a higher liquid barrier is needed, consider DuPont™ Tychem® 2000 and Tychem® 4000 garments with taped seams.

\*\*Biohazards have a variety of classification methods. These products (garments or fabrics) have been tested to the following standards, including but not limited to AATCC 127 (Tyvek® 400), EN 14126 (Tyvek® 500 HV, Tyvek® 500, Tyvek® 600, Tyvek® 800), ASTM F1670 (ProShield® 60, ProShield® 70) and ASTM F1671 (ProShield® 70). Visit our website for specific testing data.

\*\*\*ProShield® 6 SFR and Tychem® 2000 SFR coveralls provide only secondary flame-resistant protection. They must always be worn over an appropriate primary flame-resistant garment and primary flame-resistant hood/balaclava in an environment that needs flame protection, along with other personal protective equipment that protects your face, hands and feet.

It is the user's responsibility to determine the nature and level of hazard and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. It is intended for information use by persons having technical skill for evaluation under

easy-to-use interactive tool that provides suggestions for chemical protective clothing based on the user's hazard scenario.

Our database includes hundreds of chemicals, including warfare agents and the ASTM F1001 standard list of challenge chemicals. This tool can be accessed on our website at safespec.dupont.com. To provide a quicker overview of our products and where they are ideally suited for use, we developed the simple guides in this document. Our goal was to match the level of protection and value for a given exposure hazard.

their specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first verify that the garment selected is suitable for the intended use. In many cases, seams and closures have shorter breakthrough times and higher penetration rates than the fabric. Please contact DuPont for specific data. If the garment becomes torn, abraded or punctured, end user should discontinue use of garment to avoid potential exposure.

**Latex statement:** As of January 1, 2006, DuPont production specifications exclude use of components containing natural rubber latex in the manufacture of DuPont™ Tyvek® IsoClean® and DuPont™ ProClean® garments.

Tyvek® 500, Tyvek® 600 and Tyvek® 800 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 also be reported to DuPont at 1-800-441-3637 (outside the U.S. 1-302-774-1139) so that an investigation can be initiated.

**After June 2023, Tyvek® 500, Tyvek® 600 and Tyvek® 800 are manufactured under specifications that exclude components containing natural rubber latex.**

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.

Tyvek® coveralls and ProShield® 60 coveralls can be considered for use with the appropriate respirators and other suitable PPE to minimize contact with isocyanate paint aerosols. Tyvek® garments are not appropriate if they are getting wet (paint is dripping or running, or wet to the touch) or if spotting is observed on skin or garments worn under the coveralls. Tychem® aprons and smocks are available for situations where prolonged liquid exposure may be limited to the front of the torso and/or arms of the wearer. These aprons and smocks can be worn with Tyvek® to provide localized protection while limiting the level of thermal discomfort.

# Product line by hazard

## DuPont™ Tychem® chemical protection products

### Typical chemical hazards/examples

Garment	Hazardous dry powders & solids	Bloodborne pathogens & biohazards	Light chemical splash & aerosols	Moderate liquid chemical splash	Potential flash fire exposure & liquid organic chemicals	Heavy liquid chemical splash (toxics & corrosives)	ChemBio & warfare agents	Chemical vapors & gases (toxics & corrosives)	Secondary flame resistance	NFPA		
	Dry pharma chemicals	Blood, saliva, human excrement	Inorganic acids and bases, salts	Organics, solvents	Meth-amphetamine	Known carcinogens	Sarin, mustard, VX nerve agent	Chlorine, anhydrous ammonia		NFPA 1990 (NFPA 1992)	NFPA 1990 (NFPA 1994 Class 2)	70E Cat 2
Tychem® 2000	✓	✓	✓-									
Tychem® 2000 SFR	✓	✓	✓						✓			
Tychem® 4000	✓	✓	✓-	●								
Tychem® 5000	●	✓	●	✓			●					
Tychem® 6000	●	✓	●	✓			✓			✓		
Tychem® 6000 FR	●	✓	●	✓	✓		✓			✓		✓
Tychem® Responder® CSM	●	●	●	✓		✓	✓	✓				
Tychem® 10000	●	●	●	✓		✓	✓	✓			✓	

✓ Generally preferred ● Acceptable for use

\*Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Liquid barrier performance varies based on the amount of liquid that may get on the garment, the length of time the liquid is on the garment, applied pressure and certain physical properties of the liquid. DuPont™ Tyvek® and DuPont™ ProShield® garments are not appropriate if during use they are getting wet (liquid is dripping or running, or it is wet to the touch) or if spotting is observed on skin or garments worn under the protective garment. Serged and bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present. Tyvek® 600 and Tyvek® 500 garments use a special type of Tyvek® fabric, which has different physical properties and improved chemical resistance properties when compared to fabric used in standard Tyvek® garments. Additionally, the seams used in standard Tyvek® garments are different than the seams for Tyvek® 600 and Tyvek® 500 garments. Tyvek® 600 garments offer seams that are sewn and then taped, and Tyvek® 500 garments offer external serged seams, where the seam thread is visible on the outside of the garment. Tyvek® 500 and Tyvek® 600 offer improved liquid barrier, but may not be appropriate if spotting is observed on the skin or garments worn under the protective garment. In applications where a higher liquid barrier is needed, consider Tychem® 2000 and Tychem® 4000 garments with taped seams.

ProShield® 6 SFR and Tychem® 2000 SFR coveralls provide only secondary flame-resistant protection. They must always be worn over an appropriate primary flame-resistant garment and primary flame-resistant hood/balaclava in an environment that needs flame protection, along with other personal protective equipment that protects your face, hands and feet.

It is the user's responsibility to determine the nature and level of hazard and the proper personal protective equipment needed. The information set forth herein reflects

laboratory performance of fabrics, not complete garments, under controlled conditions. It is intended for information use by persons having technical skill for evaluation under their specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first verify that the garment selected is suitable for the intended use. In many cases, seams and closures have shorter breakthrough times and higher penetration rates than the fabric. Please contact DuPont for specific data. If the garment becomes torn, abraded or punctured, end user should discontinue use of garment to avoid potential exposure.

**Latex statement:** As of January 1, 2006, DuPont production specifications exclude use of components containing natural rubber latex in the manufacture of DuPont™ Tyvek® IsoClean® and DuPont™ ProClean® garments.

Tyvek® 500, Tyvek® 600 and Tyvek® 800 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 also be reported to DuPont at 1-800-441-3637 (outside the U.S. 1-302-774-1139) so that an investigation can be initiated.

**After June 2023, Tyvek® 500, Tyvek® 600 and Tyvek® 800 are manufactured under specifications that exclude components containing natural rubber latex.**

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.



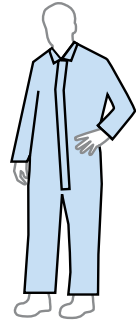
# DuPont™ ProShield® 6 SFR

Original name: DuPont™ Tempro®

## Coverall

TM120SBUX002500

- Serged seams
- Collar
- Zipper closure
- Storm flap
- MD-6X



TM127S

## Coverall

TM122SBUX002500

- Serged seams
- Attached hood
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- Attached boot covers<sup>1</sup>
- MD-6X



## Coverall

TM127SBUX002500

- Serged seams
- Attached hood
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- MD-7X



Secondary flame-resistant (SFR)

Lightweight, disposable overgarment designed to help protect and preserve primary flame-resistant garments

Provides a barrier against non-hazardous particles and aerosols while not contributing to burn injury

Won't ignite and continue to burn when exposed to a flame source

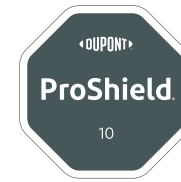
ProShield® 6 SFR is blue

**ProShield® 6 SFR garments are flame retardant treated, not inherently flame-resistant, and are intended to be worn over your primary flame-resistant garments.**

Seams and closures have less barrier than fabric. Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

<sup>1</sup>These ProShield® 6 SFR garments have attached boot covers made of the garment material. These attached boot covers must be worn inside protective outer footwear and are not suitable as outer footwear. These attached boot covers do not have adequate durability or slip resistance to be worn as the outer foot covering.

Note: Not all sizes available in all styles.



# DuPont™ ProShield® 10

Original name: ProShield® Basic

## Coverall

PB120SWHXX002500

PB120SBUX002500

- Serged seams
- Collar
- Zipper closure
- Storm flap
- SM-7X



## Lab coat

PB122SBUX003000

- Serged seams
- Collar
- Snap closure
- Two pockets
- SM-7X



## Coverall

PB122SWHXX002500

PB122SBUX002500

- Serged seams
- Attached hood
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- Attached skid-resistant boot covers
- SM-7X



## Lab coat

PB219SWHXX003000

PB219SBUX003000

- Serged seams
- Knit collar
- Set sleeve
- Knit cuff
- Snap closure (6 + 1 adjustable)
- Pockets (1 left chest pencil, 2 lower front)
- SM-5X



## Coverall

PB125SWHXX002500

PB125SBUX002500

- Serged seams
- Collar
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- SM-7X



## Frock

PB267SWHXX003000

- Serged seams
- Mandarin collar
- Set sleeve
- Knit cuff
- Elastic wrists
- Snap closure (6 + 1 adjustable)
- SM-7X



## Coverall

PB127SWHXX002500 SM-7X

PB127SBUX002500 SM-7X

PB127SGYXX0025VP MD-7X

- Serged seams
- Attached hood
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles



## Frock

PB271SWHXX003000

PB271SBUX003000

- Serged seams
- Mandarin collar
- Zipper closure
- Elastic wrists
- MD-4X



PB127S

Comfort and quality at an affordable price

Spunbond-meltblown-spunbond (SMS) garments

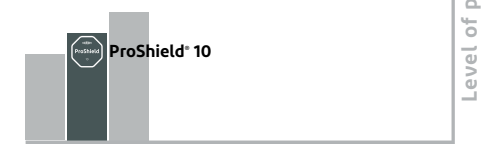
Uses include general maintenance, janitorial/cleaning and other dirty work assignments

ProShield® 10 is available in blue, white and gray in style 127

Seams and closures have less barrier than fabric. Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

**Warning:** ProShield® 10 should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of ProShield® 10 fabric 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.







# DuPont™ ProShield® 30

Original name: DuPont™ SureStep™

### Boot cover

○ PE444SWHXX010000

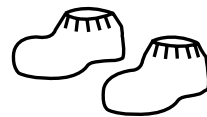
Serged seams  
Elastic openings  
Elastic ankles  
13" height  
100/cs  
LG-XL



### Shoe cover

○ PE440SWHXX020000

Serged seams  
Elastic openings  
5.5" height  
200/cs  
MD-XL



Spunbonded polypropylene with polyethylene film coating

Slip resistance—both wet and dry

ProShield® 30 is available in blue or white

### Shoe cover

● PE440SBUXX020000

Serged seams  
Elastic openings  
5.5" height  
200/cs  
LG-XL



# DuPont™ ProShield® 50

Original name: new garment

### Coverall

○ NB120SWHXX002500

Serged seams  
Collar  
Zipper closure  
Storm flap  
SM-6X



### Coverall

○ NB122SWHXX002500

Serged seams  
Attached hood  
Zipper closure  
Storm flap  
Elastic wrists  
Elastic ankles  
Attached skid-resistant boot covers  
SM-6X



### Coverall

○ NB125SWHXX002500

Serged seams  
Collar  
Zipper closure  
Storm flap  
Elastic wrists  
Elastic ankles  
SM-6X



### Apron

○ NB273BWHXX010000

Bound seams  
Bound neck and ties  
Bib style  
28" x 36"  
One size fits most



### Coverall

○ NB127SWHXX002500

Serged seams  
Attached hood (respirator fit)<sup>1</sup>  
Zipper closure  
Storm flap  
Elastic wrists  
Elastic ankles  
SM-6X



### Sleeves

○ NB500SWHXX0200YU

Serged seams  
Elastic openings  
24" length  
One size fits most



NB1275

Provides a barrier against a range of non-hazardous aerosols, light liquid splash and dry particles

Microporous film laminated to a nonwoven fabric

Industries and applications include janitorial, sanitation and general industrial maintenance

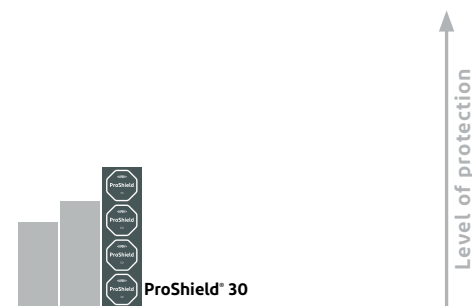
Lighter weight and roomy design make for greater comfort and mobility

ProShield® 50 is white

Seams and closures have less barrier than fabric. Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

**Warning:** ProShield® 30 should not be used around heat, flames, sparks or in potentially flammable or explosive environments.



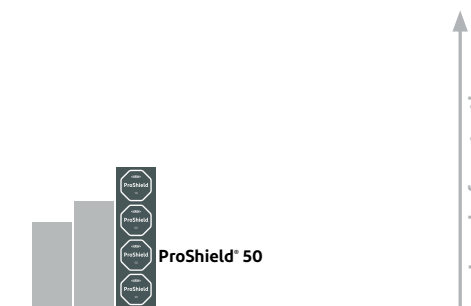
<sup>1</sup>Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

**Warning:** ProShield® 50 should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of ProShield® 50 fabric 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.





# DuPont™ ProShield® 60

Original name: ProShield® NexGen®

### Coverall

○ NG120SWHXX002500

- Serged seams
- Collar
- Zipper closure
- Storm flap
- SM-6X



### Apron

○ NG273BWHXX010000

- Bound seams
- Bound neck and ties
- Bib style
- 28" x 36"
- One size fits most



### Coverall

○ NG125SWHXX002500

- Serged seams
- Collar
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- SM-5X



### Lab coat

○ NG212SWHXX003000

- Serged seams
- Collar
- Snap closure
- Two pockets
- SM-4X



### Coverall

○ NG127SWHXX0025NP

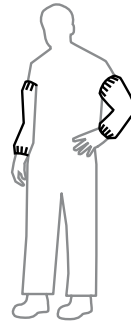
- Serged seams
- Attached hood (respirator fit)\*
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- SM-7X



### Sleeves

○ NG500SWHXX020000

- Serged seams
- Elastic openings
- 18" length
- One size fits most



### Coverall

○ NG122SWHXX002500

- Serged seams
- Attached hood
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- Attached skid-resistant boots
- SM-6X



NG127S

Barrier against a variety of non-hazardous aerosols, liquids and dry particles

Microporous film laminated to a nonwoven fabric

Uses include automotive refinishing, waste cleanup and sanitation engineering

ProShield® 60 is white

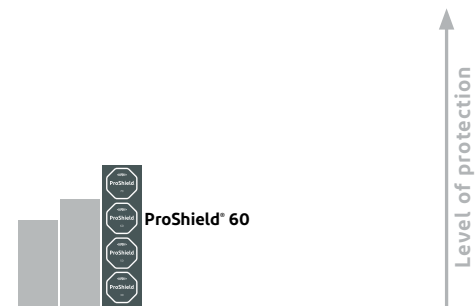
\*Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

**Warning:** ProShield® 60 should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of ProShield® 60 fabric 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.



# DuPont™ ProShield® 70

Original name: ProShield® 3

### Shoe cover

● P3450SGY000200LG

- Serged seams
- Elastic openings
- 8.25" height
- ProShield® 70 fabric
- Skid resistant
- 200/cs (100 pairs)
- One size fits most



### Boot cover

● P3452SGYXX010000

- Serged seams
- Elastic openings
- 10" height
- ProShield® 70 fabric
- Skid resistant
- 100/cs (50 pairs)
- One size fits most



P3452S

Skid-resistant material for shoe/boot covers to help prevent slipping

Provides non-hazardous liquid splash protection

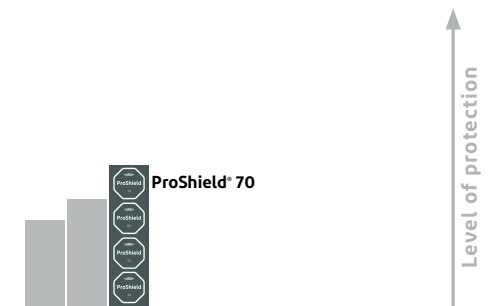
ProShield® 70 is gray

LG = 8.25" high shoe cover

Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

**Warning:** ProShield® 70 should not be used around heat, flames, sparks or in potentially flammable or explosive environments.







# DuPont™ Tyvek® 400 D

Original name: Tyvek® Dual

## Coverall

○ TD125SWBXX0025CM

- Serged seams
- Collar
- Zipper closure
- Storm flap
- Elastic waist
- Elastic wrists
- Elastic ankles
- Thumb loops
- MD-4X



Front with hood



Back

TD127S

Tyvek® 400 D garments provide an ideal balance of comfort, durability and protection for workers

Comfort fit design helps enable a greater range of movement while stretching and bending

Designed for very specific applications where demanding comfort requirements are combined with limited protective requirements for frontal exposures

Well suited for workers who are involved in a variety of strenuous activities that can lead to heat stress in applications that include:

- Wind turbine manufacturing
- Composites manufacturing
- Boat manufacturing
- Remediation
- Utilities
- Maintenance
- Glass manufacturing

## Coverall

○ TD127SWBXX0025CM

- Serged seams
- Attached hood (respirator fit)<sup>1</sup>
- Zipper closure
- Storm flap
- Elastic waist
- Elastic wrists
- Elastic ankles
- Thumb loops
- MD-4X



Tyvek® 400 fabric on the front and hood

Tyvek® fabric is composed of flashspun high-density polyethylene, which creates a unique nonwoven material available only from DuPont

Tyvek® 400 fabric provides an ideal balance of protection, durability and comfort compared to any limited-use fabric technology

Tyvek® 400 fabric's durability delivers a consistently better barrier, even after wear and abrasion

Tyvek® 400 is white

DuPont™ ProShield® 10 fabric on the back

ProShield® 10 fabric has been optimized for comfort, softness and breathability

ProShield® 10 fabric is designed for non-hazardous dry particle and light liquid splash applications

ProShield® 10 is made from a polypropylene spunbond-meltblown-spunbond (SMS) fabric

ProShield® 10 is blue

<sup>1</sup>Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

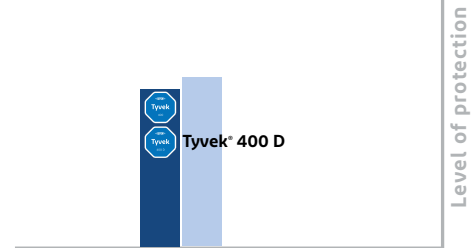
Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

**Warning:** Tyvek® and ProShield® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® and ProShield® fabrics 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.

Certain accessory items are also identified as make to order. Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.



# DuPont™ Tyvek® 400

Original name: Tyvek®

## Coverall

○ TY120SWHXX002500 MD-7X

○ TY120SWHXX0006G1 MD-4X

○ TY120SWHXX0025VP MD-7X

○ TY120SWHXX0025NF MD-7X

★ USMCA/TAA COMPLIANT

- Serged seams
- Collar
- Zipper closure
- Storm flap
- Elastic waist
- Comfort fit design



## Coverall

○ TY121SWHXX0025NS

- Serged seams
- Collar
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- Attached skid-resistant boots
- MD-7X



## Coverall

○ TY151SWHXX002500

- Serged seams
- Collar
- Snap closure
- XL-4X



An ideal balance of protection, durability and comfort

Comfort fit design allows for a greater range of motion and fewer blowouts

Breathable inherent barrier protection against hazardous dry particles, aerosols and non-hazardous light liquid splash

Excellent abrasion resistance; protects against hazardous particles down to one micron in size

When used with other PPE, can help reduce risk of cross-contamination in pandemic response activities

One garment for many applications:

- General maintenance/operations
- Microcrystalline silica
- Lead abatement
- Environmental cleanup
- Agriculture
- Asbestos abatement
- Food processing
- Mold remediation
- Spray painting
- Crime scene investigation
- Wind turbine manufacturing

Tyvek® 400 is white

G1 = Reduced case quantity

NS = Non-skid material

NF = USMCA/TAA compliant

VP = Vend packed

## Coverall

○ TY125SWHXX002500 MD-7X

○ TY125SWHXX0006G1 MD-4X

○ TY125SWHXX0025VP MD-7X

○ TY125SWHXX0025NF MD-7X

★ USMCA/TAA COMPLIANT

- Serged seams
- Collar
- Zipper closure
- Storm flap
- Elastic waist
- Elastic wrists
- Elastic ankles
- Comfort fit design



Only NF option codes are USMCA/TAA compliant.

<sup>1</sup>Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

**Storm flaps:** All standard bound and taped seam coveralls have a single storm flap with a pressure-sensitive tape closure. Serged seam coveralls do not have a storm flap.

Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

**Warning:** Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics 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.

Certain accessory items are also identified as make to order. Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

## Coverall

○ TY122SWHXX002500 MD-7X

○ TY122SWHXX0006G1 MD-4X

○ TY122SWHXX0025VP MD-7X

○ TY122SWHXX0025NF MD-7X

★ USMCA/TAA COMPLIANT

- Serged seams
- Attached hood (respirator fit)<sup>1</sup>
- Zipper closure
- Storm flap
- Elastic waist
- Elastic wrists
- Elastic ankles
- Attached skid-resistant boots
- Comfort fit design



## Coverall

○ TY127SWHXX002500 MD-7X

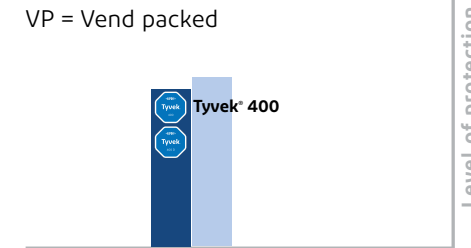
○ TY127SWHXX0006G1 MD-4X

○ TY127SWHXX0025VP MD-7X

○ TY127SWHXX0025NF MD-7X

★ USMCA/TAA COMPLIANT

- Serged seams
- Attached hood (respirator fit)<sup>1</sup>
- Zipper closure
- Storm flap
- Elastic waist
- Elastic wrists
- Elastic ankles
- Comfort fit design





# DuPont™ Tyvek® 400

Original name: Tyvek®

### Frock

- TY210SWHXX003000 SM-7X
- TY210SWHXX0030VP MD-4X

Serged seams  
Collar  
Snap closure



### Shirt

- TY303SWHXX005000 SM-7X
- TY303SWHXX0012G1 MD-4X
- TY303SWHXX0050VP MD-3X

Serged seams  
Collar  
Snap closure  
Long sleeve



### Frock

- TY211SWHXX003000

Serged seams  
Collar  
Snap closure  
Elastic wrists  
Knee length  
SM-7X



### Pants

- TY350SWHXX005000 SM-7X
- TY350SWHXX0012G1 MD-4X
- TY350SWHXX0050VP MD-3X

Serged seams  
Elastic waist



### Frock

- TY216SWHXX003000

Serged seams  
Mandarin collar  
Snap closure  
Elastic wrists  
SM-5X



### Apron

- TY273BWHXX010000
- TY273BWHXX0100VP

Bound seams  
Bound neck & ties  
Bib style  
28" x 36"  
One size fits most



### Lab coat

- TY212SWHXX003000 SM-7X
- TY212SWHXX0008G1 MD-4X
- TY212SWHXX0030VP MD-4X
- TY212SWHXX0030NF SM-5X

★ USMCA/TAA COMPLIANT

Serged seams  
Collar  
Snap closure  
Two pockets



### Sleeves

- TY500SWHXX020000
- TY500SWHXX0200NF

Serged seams  
Elastic openings  
18" length  
One size fits most



### Hood

- TY657SWHXX010000

Serged seams  
Pullover  
Elastic face opening  
Shoulder length  
One size fits most

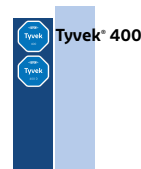


### Only NF option codes are USMCA/TAA compliant.

Seams and closures have less barrier than fabric. Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present. Note: Not all sizes available in all styles.

**Warning:** Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics 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.

Certain accessory items are also identified as make to order. Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.



Level of protection



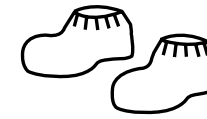
# DuPont™ Tyvek® 400 and Tyvek® 400 FC

Original name: Tyvek®

### Shoe cover

- TY450SWHXX020000

Tyvek® fabric  
Serged seams  
Elastic openings  
5" height  
200/cs (100 pairs)  
One size fits most



### Shoe cover

- TY450SWHXX0200LG

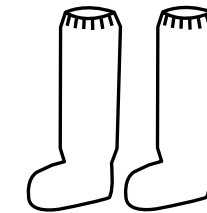
Tyvek® fabric  
Serged seams  
Elastic openings  
8.25" height  
200/cs (100 pairs)  
One size fits most



### Boot cover

- TY454SWHXX010000

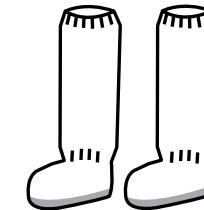
Tyvek® fabric  
Serged seams  
Elastic openings  
18" height  
100/cs (50 pairs)  
One size fits most



### Boot cover

- TY454SWHXX0100SR

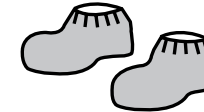
Tyvek® fabric  
Tyvek® 400 FC sole  
Serged seams  
Elastic ankles  
18" height  
Skid resistant  
100/cs (50 pairs)  
LG-XL



### Shoe cover—Tyvek® 400 FC

- FC450SGYXX020000

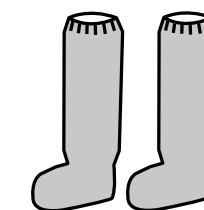
Tyvek® FC fabric  
Serged seams  
Elastic openings  
Elastic toe, sole and heel seams  
5" height  
Skid resistant  
200/cs (100 pairs)  
One size fits most



### Boot cover—Tyvek® 400 FC

- FC454SGYXX010000

Tyvek® FC fabric  
Serged seams  
Elastic openings  
18" height  
Skid resistant  
100/cs (50 pairs)  
One size fits most

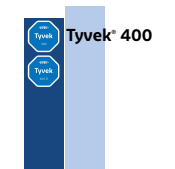


### Only NF option codes are USMCA/TAA compliant.

Seams and closures have less barrier than fabric. Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present. Tyvek® 400 with Friction Coating (FC) has been specially treated to promote ink/coating adhesion. This treatment lowers the typical bulk liquid holdout values for Tyvek® fabric. Products with this treatment offer limited bulk liquid holdout. If barrier protection from liquid splash is required, please consider a non-treated Tyvek® style or other substrate.

**Warning:** Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics 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.

Certain accessory items are also identified as make to order. Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.



Level of protection





# DuPont™ Tyvek® 500 HV

Original name: new garment

### Coverall

TY125SHVXX0025XC

- Serged seams
- Mandarin collar
- Zipper closure
- Storm flap
- Elastic waist
- Elastic wrists
- Elastic ankles
- 25/cs
- SM-6X



### Coverall

TY127SHVXX0025XC

- Serged seams
- Attached hood (respirator fit)<sup>1</sup>
- Zipper closure
- Storm flap
- Elastic waist
- Elastic wrists
- Elastic ankles
- Comfort fit design
- SM-6X



TY125S

Durability and breathability of Tyvek®

Ideal when working in dangerous environments, darkness or poor weather conditions

Tyvek® 500 HV is fluorescent orange with retroreflective bands for high visibility

ANSI/ISEA 107 American National Standard for High-Visibility Safety Apparel (HVSA) addresses personal protective safety clothing intended to provide conspicuity during daytime, nighttime and other low-light condition usage; HVSA PPE is intended to provide conspicuity to the user in hazardous situations under any light conditions by day and under illumination by vehicle headlights in the dark or other low-light conditions

The Tyvek® 500 HV stripes/bands are oriented with a distinctive symmetric "X" on the back for additional safety

<sup>1</sup>Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

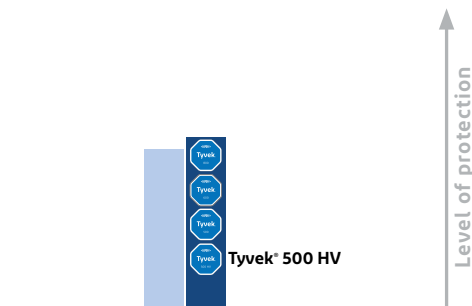
Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

**Warning:** Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics 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.

Certain accessory items are also identified as make to order. Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.



# DuPont™ Tyvek® 500 and Tyvek® 600

Original names: Tyvek® Xpert and Tyvek® Plus



TY198S

Tyvek® 500 garments are composed of flashspun high-density polyethylene, which creates a unique, nonwoven material available only from DuPont

Suitable for applications such as pharmaceutical handling, chemical processing, automatic spray painting, maintenance and many others

Tyvek® 500 Type 5/6 coveralls offer the following safety and comfort benefits:

- Chemical protective clothing, Category III Type 5-B and 6-B
- Protection against infective agents (EN 14126)
- Resistance to penetration by bloodborne pathogens using bacteriophage Phi-X174 (ISO 16604)
- Resistance to penetration by blood and body fluids using synthetic blood (ISO 16603)

Tyvek® 500 is white

### Coverall—Tyvek® 500

TY198SWHXX0025LA

- External serged seams
- Attached hood
- Storm flap
- Elastic wrists
- Elastic ankles
- CE certified
- Category III Type 5-B and 6-B
- SM-7X



TY198T

Tyvek® 600 garments are composed of flashspun high-density polyethylene, which creates a unique, nonwoven material available only from DuPont

Tyvek® 600 Type 4/5/6 coveralls offer the following safety and comfort benefits:

- Chemical protective clothing, Category III Type 4-B, 5-B and 6-B
- Protection against infective agents (EN 14126)
- Resistance to penetration by bloodborne pathogens using bacteriophage Phi-X174 (ISO 16604)
- Resistance to penetration by blood and body fluids using synthetic blood (ISO 16603)
- Fabric and seams offer chemical permeation barrier to low concentration water-based inorganic chemicals

Tyvek® 600 is white

PI = Packaged individually

### Coverall—Tyvek® 600

TY198TWHXX0025PI

- Taped seams
- Attached hood (respirator fit)<sup>1</sup>
- Storm flap
- Elastic wrists
- Elastic ankles
- CE certified
- Category III Type 4-B, 5-B and 6-B
- Packaged individually
- SM-7X



<sup>1</sup>Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

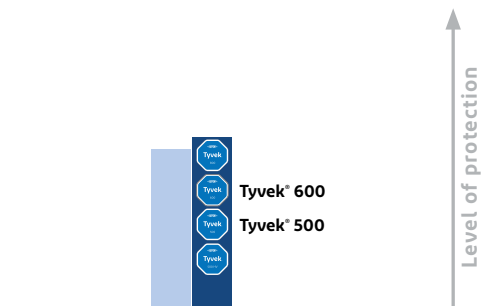
Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

**Warning:** Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics 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.

Certain accessory items are also identified as make to order. Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.





# DuPont™ Tyvek® 800

Original name: new garment

### Coverall

TJ198TWHXX0025PI

- Taped seams
- Attached hood (respirator fit)<sup>1</sup>
- Storm flap
- Elastic wrists
- Elastic ankles
- CE certified
- Category III type 3-B, 4-B, 5-B and 6-B
- SM-7X



TJ198T

Tyvek® 800 garments combine resistance to low-concentration, water-based, inorganic chemicals (even under pressure) with the durability of Tyvek®, thanks to their innovative fabric technology and enhanced garment design

Chemical protective clothing, Category III, Type 3-B, 4-B, 5-B and 6-B

Protection against infective agents (EN 14126), including resistance to penetration by blood and body fluids using synthetic blood (ISO 16603)

Resistance to penetration by bloodborne pathogens using bacteriophage Phi-X174 (ISO 16604)

Suitable for applications such as industrial cleaning; chemical packaging and redistribution; waste treatment and disposal; environmental remediation and many others

Tyvek® 800 is white

PI = Packaged individually

<sup>1</sup>**Respirator fit hoods** are designed with a longer zipper, extending to the chin for complete coverage of the neck area. **Standard hoods** only extend to the neck. See page 7 for photos.

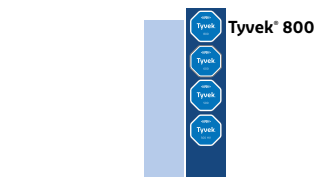
Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

**Warning:** Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics 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.

Certain accessory items are also identified as make to order. Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.



# DuPont™ Tychem® 2000 SFR

Original name: new garment

### Coverall

QS127TGRXX000400

- Taped seams
- Attached hood
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Elastic ankles
- SM-7X



### Coverall

QS128TGRXX000400

- Taped seams
- Attached hood (respirator fit)<sup>1</sup>
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Attached socks<sup>2</sup>
- Outer boot flaps with elastic
- SM-5X

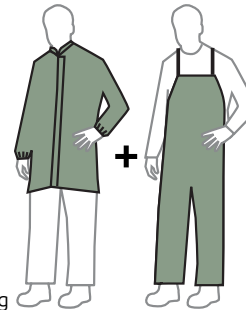


### Combo suit (jacket and bib overall)

QS750TGRXX000400

#### Jacket

- Taped seams
- Mandarin collar
- Elastic wrists
- Double storm flap with hook-and-loop closure
- SM-4X



#### Bib overall

- Taped seams
- Adjustable webbing straps with closure
- SM-4X

Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

<sup>1</sup>**Respirator fit hoods** are designed with a longer zipper, extending to the chin for complete coverage of the neck area. **Standard hoods** only extend to the neck. See page 7 for photos.

<sup>2</sup>These Tychem® 2000 SFR 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.



QS127

Tychem® 2000 SFR coveralls provide an effective barrier against a range of chemicals, as well as secondary flame resistance when worn over primary flame-resistant (FR) garments like those made with DuPont™ Nomex®

Provides protection against a multitude of inorganic acids and bases as well as a range of industrial cleaning formulations

In the event of a flash fire, Tychem® 2000 SFR coveralls won't ignite and won't contribute additional burn injury if appropriate primary FR apparel is worn beneath; for hooded coveralls, appropriate FR hoods should be worn

Tychem® 2000 SFR garments are appropriate per NFPA 2113 Section 5.1.9

Tychem® 2000 SFR is green for discretionary purposes and features a low-visibility patch

### Apron

QS275TGRXX001200

- Taped seams
- Hook-and-loop neck closure
- Waist ties
- Elastic wrists
- 44" long
- SM-5X

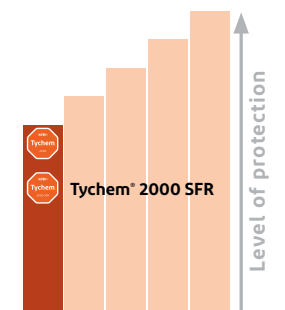


Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

**Warning:** Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.







# DuPont™ Tychem® 2000

Original name: Tychem® QC

## Coverall

● QC120SYLXX001200

Serged seams  
Collar  
Zipper closure  
Storm flap  
MD-7X



## Coverall

● QC125BYLXX001200  
Bound seams, MD-6X  
● QC125TYLXX000400  
Taped seams, MD-5X

Collar  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Elastic ankles



## Coverall

● QC120BYLXX001200

Bound seams  
Collar  
Zipper closure  
Storm flap with tape closure  
MD-6X



## Coverall

● QC125SYLXX001200

Serged seams  
Collar  
Zipper closure  
Storm flap  
Elastic wrists  
Elastic ankles  
MD-7X



## Coverall

● QC122BYLXX001200  
Bound seams  
● QC122BYLXX0012BN  
Bound seams  
★ BERRY AMENDMENT COMPLIANT

● QC122TYLXX000400  
Taped seams

Attached hood  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Attached socks¹  
MD-6X



## Coverall

● QC127BYLXX001200  
Bound seams  
● QC127TYLXX000400  
Taped seams

Attached hood  
Zipper closure  
Storm flap  
Elastic wrists  
Elastic ankles  
MD-6X



## Coverall

● QC122SYLXX001200

Serged seams  
Attached hood  
Zipper closure  
Storm flap  
Elastic wrists  
Attached socks¹  
MD-8X



## Coverall

● QC127SYLXX001200

Serged seams  
Attached hood  
Zipper closure  
Storm flap  
Elastic wrists  
Elastic ankles  
MD-7X



## Light liquid splash protection

Used extensively in the petroleum; pulp and paper; food and chemical processing; and pharmaceutical industries

Flexible, durable and lightweight

Tychem® 2000 provides at least 30 minutes of protection against >40 chemical challenges

When used with other PPE, can help reduce the risk of cross-contamination in pandemic preparedness activities

Passes ASTM F1670 and ASTM F1671 tests, offering bloodborne pathogen protection

Tychem® 2000 is yellow for high visibility

### Only BN option codes are Berry Amendment compliant.

Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

¹These Tychem® 2000 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.

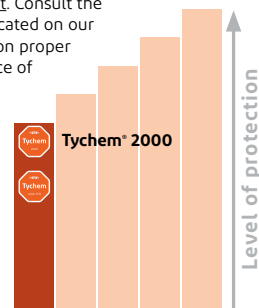
Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



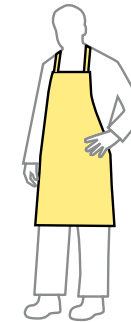
# DuPont™ Tychem® 2000

Original name: Tychem® QC

## Apron

● QC273BYLXX010000

Bound neck & ties  
Bib style  
36" long  
One size fits most



## Apron

● QC278BYLXX001200

Bound seams  
Attached long sleeves  
Bound yoke neck without snaps  
Waist ties  
Elastic wrists  
52" long  
One size fits most



## Apron

● QC275BYLXX002500

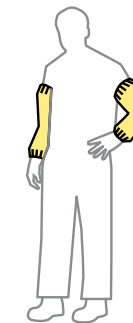
Bound seams  
Raw edge neck with snaps  
Attached long sleeves  
Waist ties  
Elastic wrists  
44" long  
SM-6X



## Sleeve

● QC500BYLXX020000

Bound seams  
Elastic openings  
18" length  
One size fits most



## Apron

● QC275BYLXX0025HL  
Bound seams, SM-6X  
● QC275TYLXX0025HL  
Taped seams, SM-5X

Hook-and-loop neck closure  
Attached long sleeves  
Waist ties  
Elastic wrists  
44" long



### Only BN option codes are Berry Amendment compliant.

Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

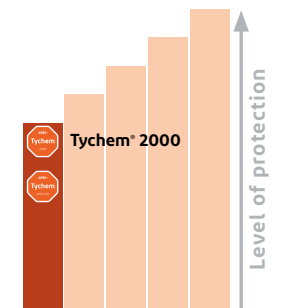
Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



QC127





# DuPont™ Tychem® 4000

Original name: Tychem® SL

## Coverall

○ SL120BWHXX001200

Bound seams  
Collar  
Zipper closure  
Storm flap with tape closure  
MD-6X



## Coverall

○ SL122BWHXX001200  
Bound seams, MD-7X  
○ SL122TWHXX000600  
Taped seams, MD-6X

Attached hood  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Attached socks¹



SL127B

Effective protection against a range of chemicals

Uses include waste management, hazardous response and nuclear environments

Rugged and durable

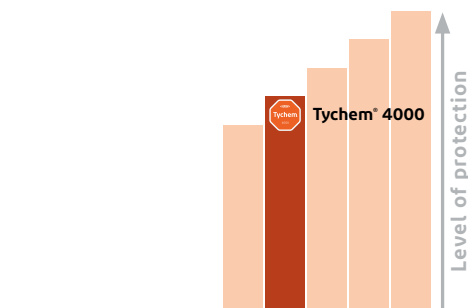
Tychem® 4000 is white for high visibility

Tychem® 4000 provides at least 30 minutes of protection against >120 chemical challenges

When used with other PPE, can help reduce the risk of cross-contamination in pandemic preparedness activities

Passes ASTM F1670 and ASTM F1671 tests, offering bloodborne pathogen protection

garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



## Coverall

○ SL125BWHXX001200  
Bound seams, MD-6X  
○ SL125TWHXX000600  
Taped seams, MD-5X

Collar  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Elastic ankles



## Coverall

○ SL127BWHXX001200  
Bound seams  
○ SL127TWHXX000600  
Taped seams

Attached hood  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Elastic ankles  
MD-7X



## Coverall

○ SL121BWHXX001200  
Bound seams, MD-6X  
○ SL121TWHXX000400  
Taped seams, MD-5X

Collar  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Attached socks¹



## Coverall

○ SL127TWHXX0006RF

Taped seams  
Attached hood (respirator fit)²  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Elastic ankles  
MD-7X



## Coverall

○ SL122BWHXX0012BN  
Bound seams, MD-4X  
★ BERRY AMENDMENT COMPLIANT  
○ SL122TWHXX0006BN  
Taped seams, MD-5X  
★ BERRY AMENDMENT COMPLIANT

Attached hood  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Attached socks¹



¹These Tychem® 4000 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.

²Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

Seams and closures have less barrier than fabric. Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant



# DuPont™ Tychem® 4000

Original name: Tychem® SL

## Coverall

○ SL128TWHXX000600

Taped seams  
Attached hood (respirator fit)³  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Attached socks²  
Outer boot flaps with elastic  
SM-5X



## Apron

○ SL274BWHXX005000

Bound neck & ties  
Bib style  
36" long  
One size fits most



## Apron

○ SL275TWHXX002500

Taped seams  
Raw edge neck with snaps  
Attached long sleeves  
Waist ties  
Elastic wrists  
44" long  
SM-6X



## Apron

○ SL278BWHXX0012HL

Bound seams  
Hook-and-loop neck closure  
Attached long sleeves  
Waist ties  
Elastic wrists  
52" long  
One size fits most



Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.



SL120B



SL122T

## Apron

○ SL275TWHXX0025HL

Taped seams  
Hook-and-loop neck closure  
Attached long sleeves  
Waist ties  
Elastic wrists  
44" long  
SM-6X



## Apron

○ SL278BWHXX001200

Bound seams  
Bound yoke neck with snaps  
Attached long sleeves  
Waist ties  
Elastic wrists  
52" long  
One size fits most



³Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

²These Tychem® 4000 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.

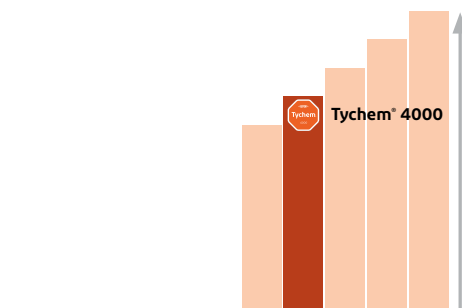
Seams and closures have less barrier than fabric. Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant

garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.







# DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

## Coverall

C3122TTNXX000600

- Taped seams
- Attached hood
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Attached socks<sup>1</sup>
- SM-7X



C3127T

Strong and durable garments with broad chemical barrier

Tychem® 5000 provides at least 30 minutes of protection against >145 chemical challenges

Uses include chemical and petrochemical handling, hazardous materials/waste cleanup, industrial hazmat teams, utilities and domestic preparedness

Passes ASTM F1670 and ASTM F1671 tests, offering bloodborne pathogen protection

Tychem® 5000 is tan for discretionary purposes and features a low-visibility patch

## Coverall

C3125TTNXX000600

- Taped seams
- Collar
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Elastic ankles
- SM-5X



## Coverall

C3127TTNXX000600

- Taped seams
- Attached hood
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Elastic ankles
- SM-7X



## Coverall

C3128TTNXX000600

- Taped seams
- Attached hood (respirator fit)<sup>2</sup>
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Attached socks<sup>1</sup>
- Outer boot flaps with elastic
- SM-5X



## Apron

C3275TTNXX000600

- Taped seams
- Bound snap neck
- Attached long sleeves
- Waist ties
- Elastic wrists
- 44" long
- SM-5X



Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

<sup>1</sup>These Tychem® 5000 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.

<sup>2</sup>Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

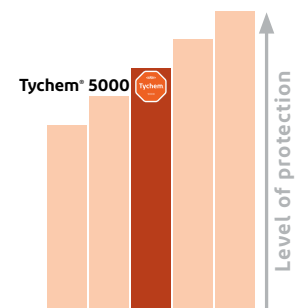
**Storm flaps:** All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



# DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

## Coverall

C3184TTNXX000600

- Taped seams
- Collar
- Zipper closure
- Double storm flaps with hook-and-loop closure
- Attached jam fit removable/field replaceable neoprene outer/multi-layer laminate inner gloves
- Attached socks<sup>1</sup>
- Outer boot flaps
- SM-4X



C3184T

## Coverall

C3185TTNXX000600

- Taped seams
- Attached hood (respirator fit)<sup>2</sup>
- Zipper closure
- Double storm flaps with hook-and-loop closure
- Attached jam fit removable/field replaceable neoprene outer/multi-layer laminate inner gloves
- Attached socks<sup>1</sup>
- Outer boot flaps
- SM-4X



Tychem® 5000 garments are intended for use by law enforcement, hazmat and hospital personnel

Offered in respirator fit hood or collar style for use with a PAPR; ideal for hospital first receiver applications

Tychem® 5000 garments may include integrated gloves and improved closures to reduce response time; deliver a high level of dexterity and tactility; and improve protection

Tychem® 5000 is tan for discretionary purposes and features a low-visibility patch

Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

<sup>1</sup>These Tychem® 5000 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.

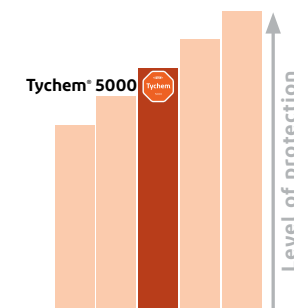
<sup>2</sup>Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

**Storm flaps:** All taped seam coveralls have a storm flap or double storm flap, see product description for details. Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.







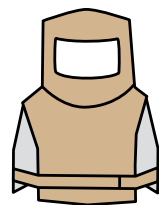
# DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

## Hood

C3651TTNXX000600

Taped seams  
EX (extra-wide) faceshield (20 mil PVC)  
Pullover  
Hook-and-loop waist closure  
One size fits most



## Bib overall

C3360TTNXX000600

Taped seams  
Adjustable webbing straps with closure  
SM-4X



## Jacket

C3670TTNXX000600 SM-4X  
C3670TTNXX0006JF MD-4X

Taped seams  
Mandarin collar  
Zipper closure  
Double storm flaps with hook-and-loop closure  
Elastic wrists

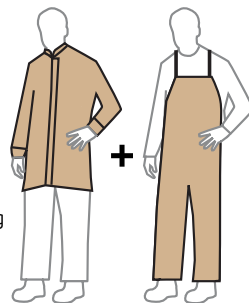


## Combo suit (jacket and bib overall)

C3750TTNXX000600

### Jacket

Taped seams  
Mandarin collar  
Zipper closure  
Jam fit cuff  
Double storm flaps



### Bib overall

Taped seams  
Adjustable webbing straps with closure  
MD-4X



C3122T



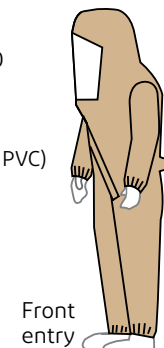
# DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

## Encapsulated Level B

C3525TTNXX000600

Front entry  
Taped seams  
Standard faceshield (20 mil PVC)  
Zipper closure  
Double storm flaps with hook-and-loop closure  
Flat back with one exhaust vent (airline access)  
Elastic wrists  
Elastic ankles  
Air access left side  
SM-4X



## Encapsulated Level B

C3526TTNXX000600

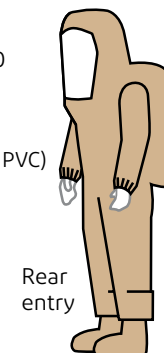
Rear entry  
Taped seams  
Standard faceshield (20 mil PVC)  
Zipper closure  
Double storm flaps with hook-and-loop closure  
Flat back with one exhaust vent (airline access)  
Elastic wrists  
Attached socks<sup>1</sup>  
Outer boot flaps  
SM-4X



## Encapsulated Level B

C3528TTNXX000600

Rear entry  
Taped seams  
Standard faceshield (20 mil PVC)  
Zipper closure  
Double storm flaps with hook-and-loop closure  
Two exhaust vents  
Expanded back  
Elastic wrists  
Attached socks<sup>1</sup>  
Outer boot flaps  
SM-4X



All Tychem® 5000 encapsulated Level B suits are made in the USA

Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

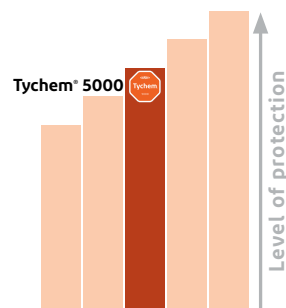
Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

**Storm flaps:** All taped seam coveralls have a storm flap or double storm flap, see product description for details. Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

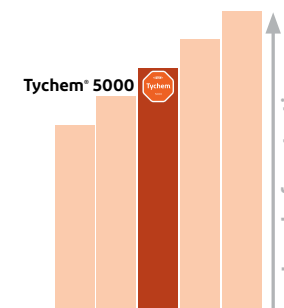
<sup>1</sup>These Tychem® 5000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

**Storm flaps:** All taped seam coveralls have a storm flap or double storm flap, see product description for details. Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.





# DuPont™ Tychem® 6000

Original name: Tychem® F

## Coverall

● TF145TGYXX000600 SM-7X

● TF145TGYXX0006TV SM-5X

★ TAA COMPLIANT

Taped seams  
Attached hood (respirator fit)<sup>1</sup>  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Elastic ankles



## Coverall

● TF169TGYXX000600

● TF169TGYXX0006TV

★ TAA COMPLIANT

Taped seams  
Attached hood (respirator fit)<sup>1</sup>  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Attached socks<sup>2</sup>  
SM-5X



## Coverall

● TF199TGYXX0006WG



Taped seams  
Attached hood (respirator fit)<sup>1</sup>  
Zipper closure  
Storm flap with tape closure  
Attached butyl gloves  
Attached socks<sup>2</sup>  
Outer boot flaps  
SM-5X



Widely used by military personnel and first responders for chemical warfare agent situations

Strong and durable with a broad chemical barrier

For use when potential exposure to industrial chemicals and chemical warfare agents exists

Tychem® 6000 provides at least 30 minutes of protection against >180 chemical challenges

Passes ASTM F1670 and ASTM F1671 tests, offering bloodborne pathogen protection

Tychem® 6000 is available in gray for discretionary purposes with a low-visibility patch

Tychem® 6000 TF611T, option code NF, is certified to NFPA 1990 (NFPA 1992), 2022, *Standard for Protective Ensembles for Hazardous Materials and CBRN Operations*



# DuPont™ Tychem® 6000

Original name: Tychem® F

## Coverall

● TF611TGYXX0001NF SM-5X

certified to NFPA 1990 (NFPA 1992)

★ TAA COMPLIANT

● TF611TGYXX000109 SM

● TF611TGYXX000110 MD-LG

● TF611TGYXX000111 XL-5X

Taped seams  
Elastomeric faceseal  
Rear entry  
Horizontal zipper  
Attached multi-layer laminate gloves  
Attached socks<sup>1</sup>  
Outer boot flaps  
Reinforced waist and knees for added protection



TF611T

### Only TV option codes are TAA compliant.

Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

<sup>1</sup>Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

<sup>2</sup>These Tychem® 6000 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.

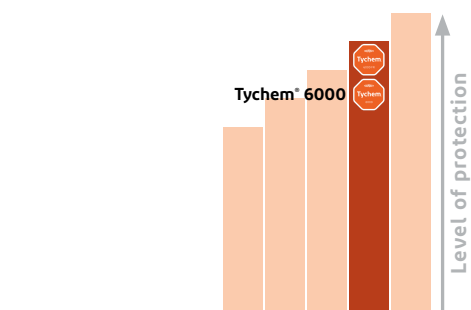
**Storm flaps:** All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

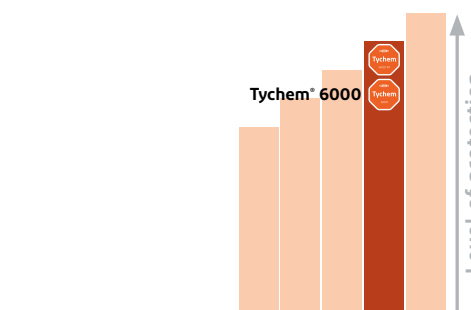
<sup>1</sup>These Tychem® 6000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.





# DuPont™ Tychem® 6000 FR

Original name: Tychem® ThermoPro

**Coverall—certified to NFPA 1990 (NFPA 1992) and meets NFPA 70E® Category 2**

TP198TORXX000200

- Taped seams
- Attached hood with drawstring (respirator fit)<sup>1</sup>
- Zipper closure
- Double storm flaps with hook-and-loop closure
- Elastic wrists
- Hemmed ankles
- SM-5X



TP198T

**Coverall—certified to NFPA 1990 (NFPA 1992) and meets NFPA 70E® Category 2**

TP199TORXX000200

- Taped seams
- Attached hood with drawstring (respirator fit)<sup>1</sup>
- Zipper closure
- Double storm flaps with hook-and-loop closure
- Elastic wrists
- Attached socks<sup>2</sup>
- Outer boot flaps
- SM-5X



Flame-resistant (FR)

Provides triple hazard protection from chemicals, flash fire and electric arc, combining the trusted chemical protection of Tychem® with the flame and arc flash protection of DuPont™ Nomex® into a single garment

Tychem® 6000 FR 198T/199T are certified to NFPA 1990 (NFPA 1992), 2022, *Standard for Protective Ensembles for Hazardous Materials and CBRN Operations*



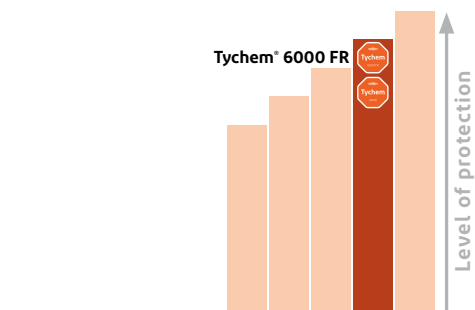
Tychem® 6000 FR 198T/199T exceed the Hazard Risk Category 2 requirement of 8 cal/cm<sup>2</sup> outlined in NFPA 70E®, *Standard for Electrical Safety in the Workplace*

Constructed for heavy use, yet lightweight and easy to wear

Tychem® 6000 FR provides at least 30 minutes of protection against >180 chemical challenges

Tychem® 6000 FR has an arc rating of 15 cal/cm<sup>2</sup> EBT

Tychem® 6000 FR is orange for high visibility



# DuPont™ Tychem® 6000 FR

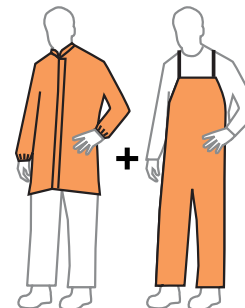
Original name: Tychem® ThermoPro

**Combo suit (jacket and bib overall)**

TP750TORXX000200

**Jacket**

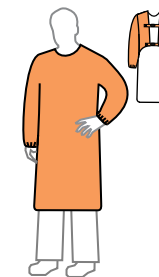
- Taped seams
- Mandarin collar
- Zipper closure
- Elastic wrists
- Double storm flaps with hook-and-loop closure and elastic at waist (jacket)
- SM-4X



**Sleeved apron**

TP275TORXX000200

- Taped seams
- Two buckle closure system
- 45" long
- SM-4X



TP750T

Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

**Respirator fit hoods** are designed with a longer zipper, extending to the chin for complete coverage of the neck area. **Standard hoods** only extend to the neck. See page 7 for photos.

<sup>2</sup>These Tychem® 6000 FR 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.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

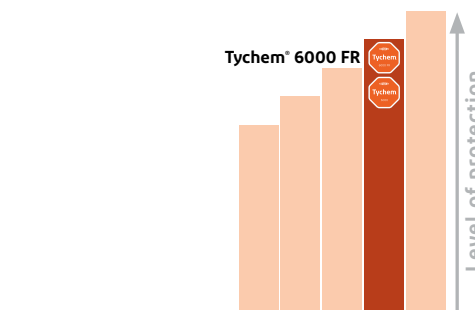
Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000

SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.







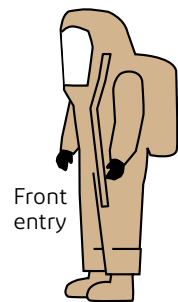
# DuPont™ Tychem® Responder® CSM

Original name: Tychem® RESPONDER® CSM

## Encapsulated Level A

- RC550TTNXX000100 XS-5X
  - RC550TTNXX00017C SM-5X
  - RC550TTNXX00017S MD-4X
  - RC550TTNXX00017W XS-6X
- ★ USMCA/TAA COMPLIANT

Front entry  
Double taped seams  
Three-layer anti-fog visor system (PVC 40 mil/Teflon™ 5 mil/PVC 20 mil)  
Gas-tight zipper closure  
Double storm flap with hook-and-loop closure  
Two Pirelli® exhaust valves  
Expanded back  
Attached butyl gloves (mil. spec. glove)  
Attached socks¹  
Outer boot flaps



## Coverall

- RC128TTNXX000100
- ★ USMCA/TAA COMPLIANT

Double taped seams  
Attached hood (respirator fit)²  
Zipper closure  
Double storm flap with hook-and-loop closure  
Attached butyl gloves (mil. spec. glove) with attached conical cuff for jam fit  
Attached socks¹  
Outer boot flaps  
SM-4X



RC550T

High-level protection against toxic and corrosive gaseous, liquid and solid chemicals

Used for military weapon demilitarization

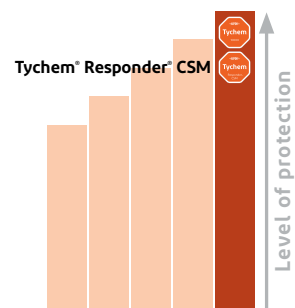
Suited for hazmat and domestic preparedness situations

Tychem® Responder® CSM provides at least 30 minutes of protection against >320 chemical challenges

Tychem® Responder® CSM is tan for discretionary purposes and features a low-visibility patch

All Tychem® Responder® CSM suits are USMCA/TAA compliant

All Tychem® Responder® CSM encapsulated Level A suits are made in the USA



Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

¹These Tychem® Responder® CSM 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.

²Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

Storm flaps: All taped seam coveralls have a double storm flap with a hook-and-loop closure.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



# DuPont™ Tychem® 10000

Original name: Tychem® TK

## Coverall

- TK128TLYXX000200
- ★ USMCA/TAA COMPLIANT
- Taped seams  
Attached hood (respirator fit)¹  
Zipper closure  
Double storm flaps with tape closure  
Elastic wrists  
Attached socks²  
Outer boot flaps with elastic  
SM-6X



TK128T

## Encapsulated Level A

- TK554TLYXX000100
  - TK554TLYXX00015C
  - TK554TLYXX00017S
- ★ USMCA/TAA COMPLIANT

Front entry  
Double taped seams  
EX (extra-wide) three-layer anti-fog visor system (PVC 40 mil/Teflon™ 5 mil/PVC 20 mil)  
Gas-tight PVC zipper closure  
Double storm flaps with hook-and-loop closure  
Two exhaust valves  
Expanded back  
Internal adjustment belt  
Attached internal multi-layer laminate gloves  
Attached outer butyl or Viton™ gloves  
Knee wear pads  
Attached socks²  
Outer boot flaps with elastic  
MD-4X



## Encapsulated Level A

- TK555TLYXX000100
  - TK555TLYXX00015C
  - TK555TLYXX00017S
- ★ USMCA/TAA COMPLIANT

Rear entry  
Double taped seams  
EX (extra-wide) three-layer anti-fog visor system (PVC 40 mil/Teflon™ 5 mil/PVC 20 mil)  
Gas-tight PVC zipper closure  
Double storm flaps with hook-and-loop closure  
Two exhaust valves  
Expanded back  
Internal adjustment belt  
Attached internal multi-layer laminate gloves  
Attached outer butyl or Viton™ gloves  
Knee wear pads  
Attached socks²  
Outer boot flaps with elastic  
MD-4X



Premium protection against toxic and corrosive gaseous, liquid and solid chemicals

Leading garment chosen by hazmat responders worldwide

Extremely durable, puncture- and tear-resistant fabric

Wide range of garment styles, including totally encapsulated, vapor protective Level A and liquid-splash protective Level B suits

Tychem® 10000 provides at least 30 minutes of protection against >320 chemical challenges

Tychem® TK612T/613T certified to NFPA 1990 (NFPA 1994 Class 2), 2022, Standard for Protective Ensembles for Hazardous Materials and CBRN Operations



Tychem® 10000 is lime yellow for high visibility

All Tychem® 10000 encapsulated suits are USMCA/TAA compliant

All Tychem® 10000 encapsulated Level A suits are made in the USA

Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

¹Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

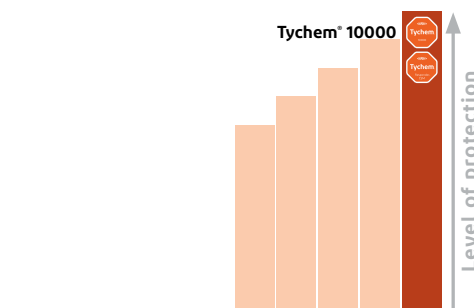
²These Tychem® 10000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details. Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.





# DuPont™ Tychem® 10000

Original name: Tychem® TK

## Encapsulated Level A

- TK552TLYXX00017R
- ★ USMCA/TAA COMPLIANT
- ★ BERRY AMENDMENT COMPLIANT

Front entry  
 Double taped seams  
 Standard three-layer anti-fog visor system (PVC 40 mil/Teflon™ 5 mil/PVC 20 mil)  
 Gas-tight PVC zipper closure  
 Double storm flap with hook-and-loop closure  
 Two exhaust valves  
 Internal adjustable belt  
 Flat back  
 Attached butyl outer/multi-layer laminate internal gloves  
 Attached socks'  
 Outer boot flaps with elastic  
 LG-2X



## Encapsulated Level A— certified to NFPA 1990 (NFPA 1994 Class 2)



- TK612TLYXX000100  
Front entry, XS-5X
- TK612TLYXX00017N  
Front entry, MD-4X
- TK612TLYXX00017S  
Front entry, MD-4X
- TK612TLYXX00017W  
Front entry, MD-4X
- TK613TLYXX000100  
Rear entry, MD-4X
- ★ USMCA/TAA COMPLIANT

Double taped seams  
 EX (extra-wide) three-layer anti-fog visor system (PVC 40 mil/Teflon™ 5 mil/PVC 20 mil)  
 Gas-tight zipper closure  
 Double storm flap  
 Two exhaust valves  
 Expanded back  
 Attached two-layer gloves (multi-layer laminate/neoprene)  
 Attached socks'  
 Outer boot flaps with elastic



TK612T Front entry



TK613T Rear entry



TK554T

## Encapsulated Level B

- TK527TLYXX000100
- ★ USMCA/TAA COMPLIANT

Front entry  
 Taped seams  
 Standard anti-fog visor system (40 mil PVC)  
 Zipper closure  
 Double storm flaps with hook-and-loop closure  
 Two exhaust vents  
 Expanded back  
 Elastic wrists  
 Attached socks'  
 Outer boot flaps with elastic  
 SM-4X



Please note that Tychem® fabrics have different permeation performance. Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

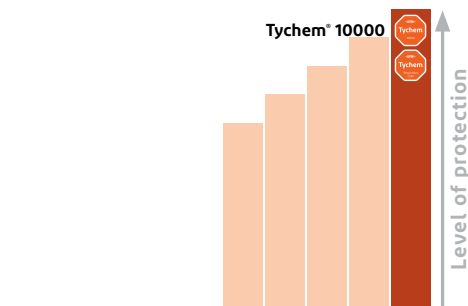
'These Tychem® 10000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

**Storm flaps:** All taped seam coveralls have a storm flap or double storm flap, see product description for details. Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont™ ProShield™ 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield™ 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/ balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield™ 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



# The Glow Worm— News that suits you

Looking to stay informed about regulatory updates? Interested in learning “tips & tricks” from other hazmat professionals? Curious about hazmat and personal protective equipment through history?

Sign up for a free subscription to *The Glow Worm*, a quarterly newsletter from DuPont Personal Protection, to get all this information and more.



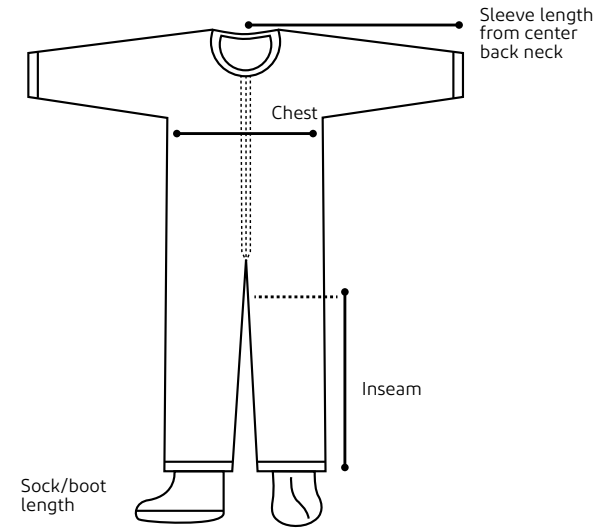
dupont.com/personal-protection/glow-worm



# Sizing charts

## Garment sizing notes:

- Please check chest measurements for most accurate fit
- Garments are meant to be worn over clothing, so measurements may vary slightly from your standard clothing size
- We suggest you try multiple sizes to find the best fit
- For Level A suit sizing, please refer to the product Technical Data Sheet, found on the individual product page at [safespec.dupont.com](https://safespec.dupont.com)



## Size table for DuPont™ Tyvek® garments

Size	Fits chest	Fits height
MD	30 - 40 1/4	5'0" - 5'7"
LG	38 1/4 - 43 1/4	5'5" - 5'9"
XL	41 1/4 - 46 1/4	5'8" - 6'2"
2X	43 3/4 - 48 3/4	6'0" - 6'4"
3X	47 3/4 - 52 3/4	6'2" - 6'5"
4X	51 1/4 - 56 1/4	6'4" - 6'7"
5X	54 1/4 - 59 1/4	6'6" - 6'10"
6X	57 3/4 - 62 3/4	6'8" - 7'1"
7X	60 1/4 - 65 1/4	6'10" - 7'4"

# Sizing charts

## Size table for DuPont™ Tychem® garments (not including Level A suits)

Size	Fits chest	Fits height
MD	29 3/4 - 38 3/4	5'0" - 5'7"
LG	38 1/4 - 41 3/4	5'5" - 5'9"
XL	41 1/4 - 44 3/4	5'8" - 6'2"
2X	44 1/4 - 47 3/4	6'0" - 6'4"
3X	47 1/4 - 50 3/4	6'2" - 6'5"
4X	50 1/4 - 54 1/4	6'3" - 6'7"
5X	53 3/4 - 57 1/4	6'4" - 6'10"

## Size table for DuPont™ ProShield® garments

Size	Fits chest	Fits height
SM	28 3/4 - 33 1/4	5'0" - 5'7"
MD	32 3/4 - 37 1/4	5'3" - 5'7"
LG	36 1/4 - 40 3/4	5'5" - 5'9"
XL	39 3/4 - 44 1/4	5'8" - 6'1"
2X	43 1/4 - 47 3/4	5'10" - 6'3"
3X	46 3/4 - 51 1/4	6'0" - 6'4"
4X	50 1/4 - 54 3/4	6'3" - 6'7"
5X	53 3/4 - 58 1/4	6'6" - 6'10"
6X	56 1/4 - 60 1/4	6'9" - 7'1"
7X	58 3/4 - 63 1/4	7'0" - 7'4"



# DuPont Controlled Environments

DuPont sterile cleanroom garments, designed for single use, offer meaningful advantages in today's challenging cleanroom environments. DuPont materials provide a welcome range of comfort, durability, breathability and protection in a variety of styles, including coveralls, lab coats, gowns, hoods and footwear covers.

## DuPont quality systems for cleanroom garments

DuPont single-use garments for controlled environments offer the following standards of quality:

- The DuPont Controlled Environments quality management system is ISO 9001:2015 registered
- DuPont™ Tyvek® IsoClean® sterile garments have a sterility assurance level (SAL) of 10<sup>-6</sup>. Irradiation doses are validated in accordance with ANSI/AAMI/ISO 11137 through bioburden and dose verification testing
- Tyvek® IsoClean® sterile garments are gamma irradiated in a facility that is registered by ISO 13485 quality standard and adheres to the requirements of ANSI/AAMI/ISO 11137
- A Certificate of Sterility and a Certificate of Compliance come with every shipment of sterile Tyvek® IsoClean® single-use garments
- Dose audits are conducted quarterly to maintain dose validation
- Customers are invited to audit our manufacturing and sterilization facilities
- Quality documentation is readily available on request to help meet customer requirements
- Lot traceability is maintained through garment manufacturing, processing and sterilization



Among the most popular products in the DuPont Controlled Environments portfolio, Tyvek® IsoClean® clean-processed and sterile single-use garments offer an ideal balance of protection, durability and comfort.

## Options

- CS** Clean-processed and sterile
- DS** Clean-processed and sterile, double-bagged
- OS** Sterile
- TS** Sterile, double-bagged
- OC** Clean-processed
- PI** Packaged individually
- OO** Bulk
- OB** Bulk

## The superiority of single-use garments from DuPont

DuPont single-use garments offer the following advantages:

### Quality

Single-use garments are not subjected to multiple cycles of wearing, laundering and sterilization, so fabric barrier and strength are consistent and predictable.

### Flexibility

The DuPont single-use apparel program allows you to order only the quantities that you plan to use, which offers flexibility as your needs change.

### Cost control

Single-use garments help eliminate budget uncertainties associated with garment repair, damage and loss, helping you to better predict expenditures.

# Controlled environments apparel selection guide

## DuPont Controlled Environments garments: DuPont™ Tyvek® IsoClean®, DuPont™ ProClean®

Environments	Tyvek® IsoClean®				ProClean®*	Considerations
	Clean-processed sterile	Sterile	Clean-processed non-sterile	Bulk non-sterile	Non-sterile	
ISO Class 5 Aseptic Cleanrooms (Former FED-STD-209E; Class 100)	✓+	✓				Tyvek® IsoClean® sterile garments offer excellent cleanliness, barrier and sterility assurance level.
ISO Class 6, 7 and 8 Bioburden Control Areas (Former FED-STD-209E; Class 1000, 10,000 and 100,000)	✓+	✓+				Tyvek® IsoClean® sterile garments offer excellent cleanliness, barrier and sterility assurance level.
ISO Class 6, 7 and 8 Cleanrooms (Former FED-STD-209E; Class 1000, 10,000 and 100,000)			✓+	✓+	✓	Tyvek® garments are durable, low-linting and provide an inherent particle barrier. Clean processing and bound seams should be considered for more critical environments.
<b>Hazards</b>						
Non-hazardous dry particles	✓+	✓+	✓+	✓+	✓+	Tyvek® garments provide an inherent barrier against small particles. Bound seam garments offer a higher level of protection than serged seam garments.
Non-hazardous, light liquid splash	✓	✓	✓	✓	✓+	ProClean® garments provide an effective barrier against a variety of common non-hazardous liquids.
Hazardous powders Notice: DuPont Controlled Environments garments should not be used in potentially explosive or flammable environments.	✓+	✓+	✓+	✓+		Use bound seam garments when working with hazardous powders.
Hazardous liquid splash Examples: organic solvents, caustics					<b>Do Not Use</b>	Please refer to our DuPont™ Tychem® garment product line for liquid and vapor chemical protection.
Electric arc, industrial fire hazard, welding					<b>Do Not Use</b>	Please refer to DuPont™ Nomex® fiber for flame-resistant apparel. Controlled environment garments are not suitable for firefighting activities, nor for protection from hot liquids, steam, molten metals, welding, electric arc or thermal radiation.

Comparison within the DuPont portfolio:

- ✓+ Best
- ✓ Better

(Blank) Not recommended

\*Barrier properties may be compromised through use.

# DuPont Controlled Environments

**NOTE** Please substitute your size for XX when ordering.  
See page 8 for full part number description.

## Coverall

IC108SWHXX0025T5

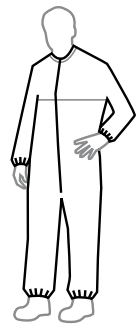
Serged seams  
Respirator fit hood<sup>1</sup>  
Elastic hood opening  
Set sleeve  
Zipper closure  
Elastic wrists  
Elastic ankles  
Attached thumb loops  
Attached boots with PVC soles  
Double-bagged  
25/cs  
SM-6X



## Coverall

IC253BWHXX00250B SM-5X  
 IC253BWHXX00250S SM-5X  
 IC253BWHXX00250C SM-5X  
 IC253BWHXX00250CS SM-7X

Bound seams  
Bound neck  
Dolman sleeve  
Zipper closure  
Elastic wrists  
Elastic ankles  
25/cs



## Coverall

IC105SWHXX002500 MD-3X  
 IC105SWHXX00250C MD-3X  
 IC105SWHXX0025CS MD-4X

Serged seams  
Standard hood  
Elastic hood opening  
Set sleeve  
Zipper closure  
Elastic wrists  
Elastic ankles  
Attached thumb loops  
Attached boots with PVC soles  
25/cs



## Coverall

IC181SWHXX002500 SM-8X  
 IC181SWHXX00250C SM-4X

Serged seams  
Standard collar  
Set sleeve  
Zipper closure  
Elastic wrists  
Elastic ankles  
25/cs



## Coverall

IC254BWHXX0025CS

Bound seams  
Bound neck  
Dolman sleeve  
Zipper closure  
Elastic wrists  
Elastic ankles  
Snaps for aseptic donning  
25/cs  
SM-4X



## Coverall

IC182BWHXX002500  
 IC182BWHXX00250C  
 IC182BWHXX0025CS

Bound seams  
Bound neck  
Raglan sleeve  
Zipper closure  
Elastic wrists  
Elastic ankles  
25/cs  
SM-4X



PC143

## DuPont™ Tyvek® IsoClean®

Made from Tyvek® brand flashspun polyolefin protective material

Unique, patented flash-spinning process creates a barrier to dry particles, microorganisms and non-hazardous liquids

Comfortable, lightweight and durable

Garments available gamma sterilized to an SAL of 10<sup>-6</sup>

Serged or bound seams with covered elastic options

Bound seam garments offer highest particle barrier within DuPont CE product portfolio

Traceability on all sterilized apparel

DuPont™ Gripper™ soles offer a higher level of slip resistance than standard PVC soles

Tyvek® IsoClean® is white

Note: All sizes not available in all styles. For one size fits most, use 00 in the part number.

Seams and closures have less barrier than fabric.

<sup>1</sup>**Respirator fit hoods** are designed with a longer zipper, extending to the chin for complete coverage of the neck area. **Standard hoods** only extend to the neck. See page 7 for photos.

# DuPont Controlled Environments

**NOTE** Please substitute your size for XX when ordering.  
See page 8 for full part number description.

## Lab coat

IC265SWHXX00300B

Serged seams  
Mandarin collar  
Raglan sleeve  
Front zipper closure  
Knit cuffs  
Pockets (1 left chest pencil, 2 lower front)  
30/cs  
SM-4X



## Lab coat

IC224SWHXX00300B

Serged seams  
Laydown collar  
Raglan sleeve  
Front snap closure (5)  
Pockets (1 left chest pencil, 2 lower front)  
30/cs  
SM-2X



## Sleeves

IC501BWH0001000B  
 IC501BWH0001000C  
 IC501BWH0001000S  
 IC501BWH000100CS

Bound seams  
Elastic openings  
18" length  
100/cs  
Universal sizing (00)



## Frock

IC270BWHXX003000  
 IC270BWHXX00300C  
 IC270BWHXX0030CS

Bound seams  
Bound neck  
Set sleeve  
Front snap closure (6 + 1 adjustable)  
Elastic wrists  
30/cs  
SM-4X



## Frock

IC264SWHXX00300B  
 IC264SWHXX00300C  
 IC264SWHXX0030CS

Serged seams  
Bound neck  
Raglan sleeve  
Front zipper closure  
Elastic wrists  
A-line  
30/cs  
SM-4X



## Frock

IC263SWHXX00300B

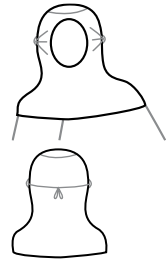
Serged seams  
High mandarin collar w/snap  
Set sleeve  
Snap closure (6)  
Elastic wrists  
30/cs  
SM-4X



## Hood

IC668BWH0001000B  
 IC668BWH0001000C  
 IC668BWH000100CS

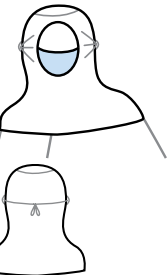
Bound seams  
Full face opening  
Bound hood opening  
Ties with loops for fit  
100/cs  
Universal sizing (00)



## Hood/mask

IC669BWH0001000S

Integrated hood/mask combination  
Bound seams  
Bound hood opening  
Ties with loops for fit  
White hood  
Blue face mask  
Pleated polyethylene outer 7" wide mask  
Individually packaged  
100/cs  
Universal sizing (00)



Note: All sizes not available in all styles. For one size fits most, use 00 in the part number.

Seams and closures have less barrier than fabric.

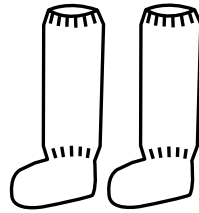
# DuPont Controlled Environments

**NOTE** Please substitute your size for XX when ordering.  
See page 8 for full part number description.

## Boot cover

- IC447SWHXX01000B  
SM-XL
- IC447SWHXX0100CS  
MD-2X

Serged seams  
Elastic openings  
Elastic ankles  
DuPont™ Gripper™ sole  
18" high  
100/cs (50 pairs)



## Shoe cover

- IC461SWHXX03000B

Serged seams  
Elastic openings  
PVC sole  
Elastic toe  
5" high  
300/cs (150 pairs)  
SM-XL



## Shoe cover—DuPont™ ProShield® 30

- PE440SBUXX020000

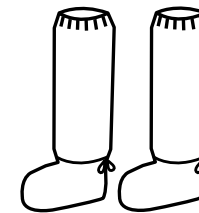
Serged seams  
Elastic openings  
5.5" height  
200/cs (100 pairs)  
LG-XL



## Boot cover

- IC457SWHXX01000B
- IC457SWHXX01000S

Serged seams  
Elastic openings  
Ties at ankles  
PVC sole  
18" high  
100/cs (50 pairs)  
SM-XL



## Shoe cover

- IC451SWHXX01000B

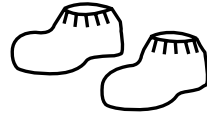
Serged seams  
Elastic openings  
Gripper™ sole  
5" high  
100/cs (50 pairs)  
SM-XL



## Shoe cover—ProShield® 30

- PE440SWHXX020000

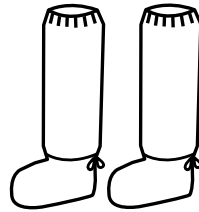
Serged seams  
Elastic openings  
5.5" height  
200/cs (100 pairs)  
MD-XL



## Boot cover

- IC458BWHXX01000B  
MD-XL
- IC458BWHXX01000C  
MD-XL
- IC458BWHXX0100CS  
SM-XL

Bound seams  
Elastic openings  
Ties at ankles  
Gripper™ sole  
18" high  
100/cs (50 pairs)



## Boot cover—ProShield® 30

- PE444SWHXX010000

Serged seams  
Elastic openings  
Elastic ankles  
13" height  
100/cs (50 pairs)  
LG-XL



# Tyvek® protective apparel recycling program

DuPont™ Tyvek® is proud to offer a garment recycling program that helps our customers within the continental United States manage used Tyvek® and DuPont™ IsoClean® protective apparel and reduce waste. The program includes setup, collection, transportation, storage and recycling of garments.\*

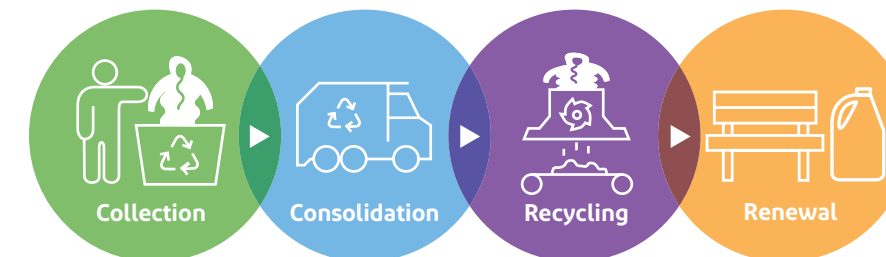
## Why recycle?

The Tyvek® protective apparel recycling program offers the chance to divert garments away from landfills and give them a second life in products like containers, lumber pallets and park benches.

## Predicted savings

For every case of 25 Tyvek® coveralls that is recycled, 10 lbs. of HDPE are diverted from the waste stream and given a second life in products like pallets and park benches. DuPont offers this service for free to qualifying customers. On an annualized usage basis, the savings really add up.

## Recycling process



## DuPont sustainability

We are proud of our role in protecting people at work and we believe that advancing sustainability is an important extension of that role. From product development and manufacturing to packaging, distribution and marketing, we are focused on continuous innovation to advance sustainability along the value chain. The Tyvek® protective apparel recycling program is easy to participate in and is a cost-effective and responsible choice.

**For more information, call 1-800-931-3456  
or contact your local DuPont sales representative.  
[personalprotection.dupont.com](http://personalprotection.dupont.com)**



Conserve materials and energy



Lower waste-related costs



Increase eligibility for grants and incentives



Boost employee morale



Meet your ISO 14001 goals



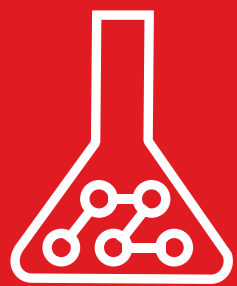
Help the environment

Note: All sizes not available in all styles. For one size fits most, use 00 in the part number.  
Seams and closures have less barrier than fabric.

\*DuPont cannot accept used Tyvek® garments that have been exposed to hazardous materials / dangerous goods (as defined by local, federal or international transportation regulations) and that have not been decontaminated. Hazardous materials / dangerous goods include, among other items, chemicals, Division 6.2 infectious substances, biological products, cultures, patient specimens and regulated medical waste.



# Are your workers really protected?



Workers in chemical manufacturing industries face a variety of on-the-job hazards, including flash fire, sharp edges, punctures and exposure to hazardous chemicals, dust and solvents—to name just a few.

Providing workers with the protection they need for the hazards they face is a major responsibility. DuPont Personal Protection has the in-depth knowledge, unparalleled expertise and broad portfolio of PPE solutions to help keep your workers safe.

DuPont PPE solutions are designed to meet or exceed global standards for protection and performance, including National Fire Protection Association (NFPA), ASTM International, Canadian General Standards Board (CGSB), American National Standards Institute (ANSI), International Organization for Standardization (ISO), International Safety Equipment Association (ISEA) and China GB National Standards.

**To help you in the decision-making process, from risk assessment through implementation, we recommend using the 4P methodology:**



# Chemical manufacturing— creating a variety of products means a variety of hazards

There are five main chemical manufacturing subsegments—commodities, agrochemical, pharmaceutical, specialty and consumer. Workers in each of these subsegments manufacture a multitude of different products that are critical to our daily lives.

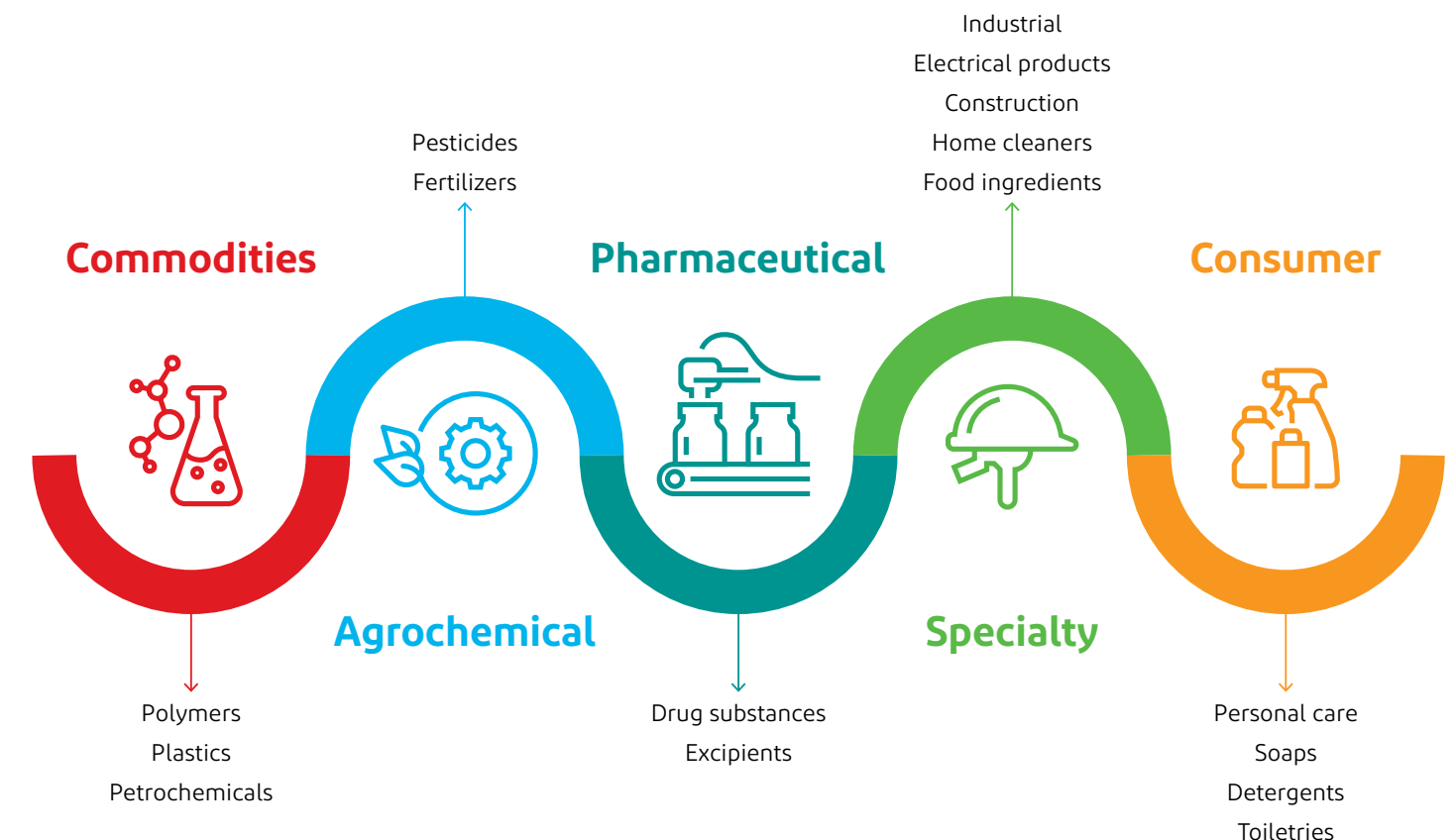
While doing this critical work, these essential workers are exposed to a variety of hazards ranging from flash fire and hazardous chemicals, dust and solvents to sharp edges and punctures. As a result, health, safety and environment (HSE) managers have many tasks to balance.

DuPont offers a broad range of comprehensive, one-stop PPE solutions to address these hazards and help simplify the PPE selection process, including: garments made with DuPont™ Nomex® fiber for flash fire hazards; DuPont™ Tyvek® garments for protection against fine particle hazards and low level liquid splashes; DuPont™ Tychem® garments for protection against concentrated chemicals; and gloves made with DuPont™ Kevlar® for cut and multi-hazard protection.

DuPont™ SafeSPEC™, our powerful web-based tool, has a full permeation test results database for Tychem® fabrics and allows you to search by hazard to help find the right protection. DuPont™ Thermo-Man®, the world's most advanced life-sized thermal burn injury evaluation unit, is used in our technical centers around the world to evaluate the heat and flame resistance that FR garments can deliver in a simulated flash fire.

As an industry leader in chemical manufacturing, DuPont also has a large team of experts around the globe who are available to work side by side with HSE managers to help them navigate the available PPE solutions for each site based on the specific hazards workers face.

## Chemical subsegments





# Kevlar®



## A powerful, innovative fiber

Extremely strong yet lightweight and durable, DuPont™ Kevlar® fiber provides the perfect balance of form and function—redefining performance and pushing the limits of possibility.

Kevlar® is a cut- and heat-resistant, lightweight fiber that helps deliver proven protection and performance across a range of industries and applications.

Our new and innovative Kevlar® engineered yarns provide workers with high-performing, multi-hazard protection along with premium comfort and fit, resetting the standard for protection.

Only Kevlar® fiber can help protect against multiple hazards—including cut, high heat, abrasion, electrical arc, puncture and flame—while keeping workers comfortable. Its cut- and heat-resistant technology helps provide PPE solutions that meet or exceed international standards for protection and performance.



Cut



High heat



Abrasion



Electrical arc



Flame



Puncture

# Nomex®



## Unparalleled heat and flame resistance

A trusted FR brand for workers, DuPont™ Nomex® is an inherently heat- and flame-resistant fiber that won't melt, drip or support combustion, providing protection that's built in and can't be washed out or worn away.

Nomex® fiber helps deliver superior heat, flame and arc flash protection against a range of thermal hazards, while providing lightweight, comfortable solutions that meet or exceed industry standards.

The proven performance of Nomex® fiber helps provide workers with the protection they need to face their job with confidence.



Heat



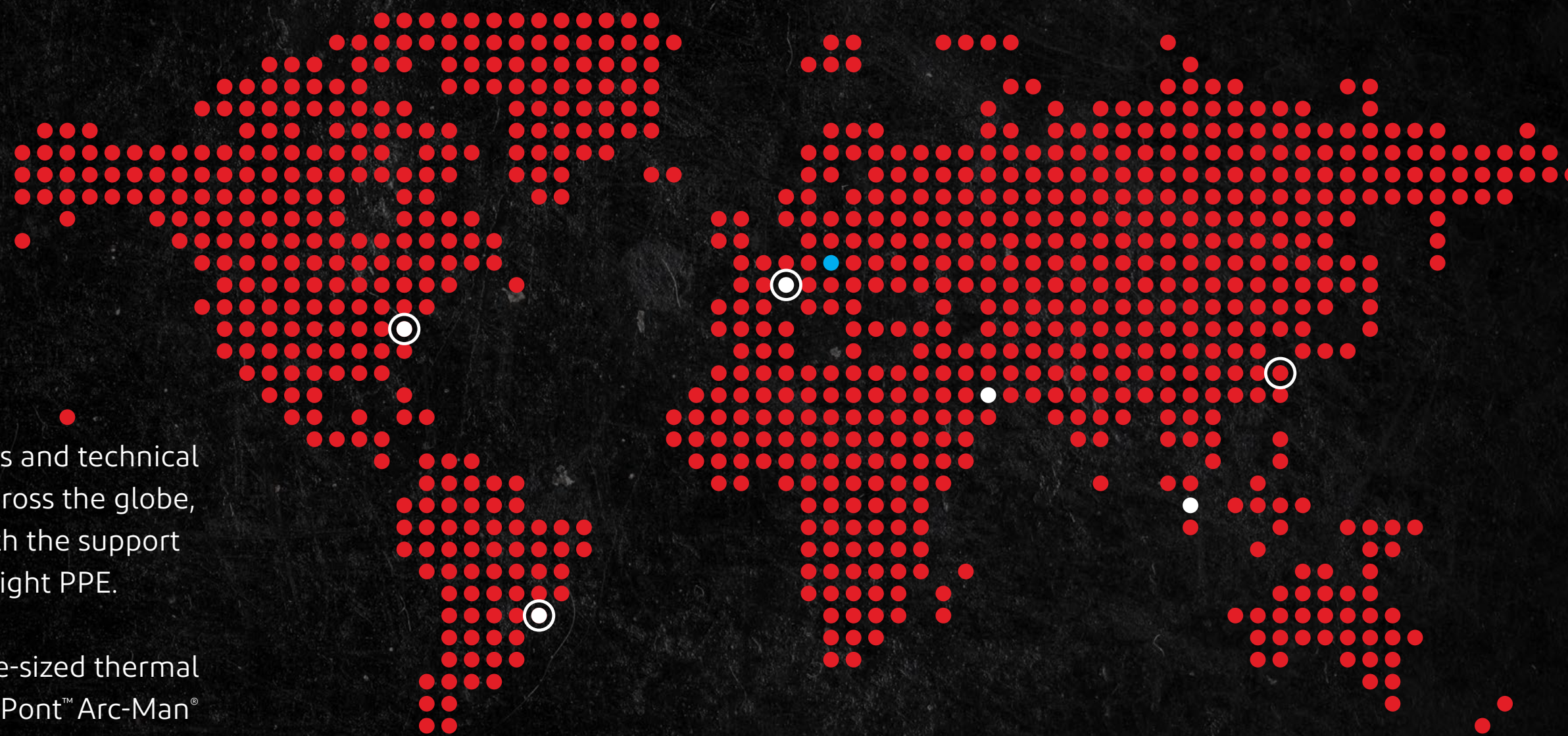
Arc flash



Flame



# Global reach



With operations in 96 countries and technical centers staffed with experts across the globe, we are here to provide you with the support you need when choosing the right PPE.

Our DuPont™ Thermo-Man® (life-sized thermal burn injury evaluation) and DuPont™ Arc-Man® (arc flash injury evaluation) units provide compelling demonstrations that help educate industrial workers about the durability and heat, flame and electric arc resistance that DuPont PPE delivers.

○ Technical centers ● Thermo-Man® units ● Arc-Man® units

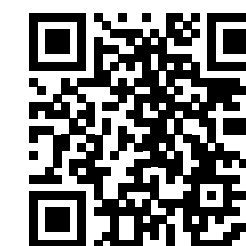
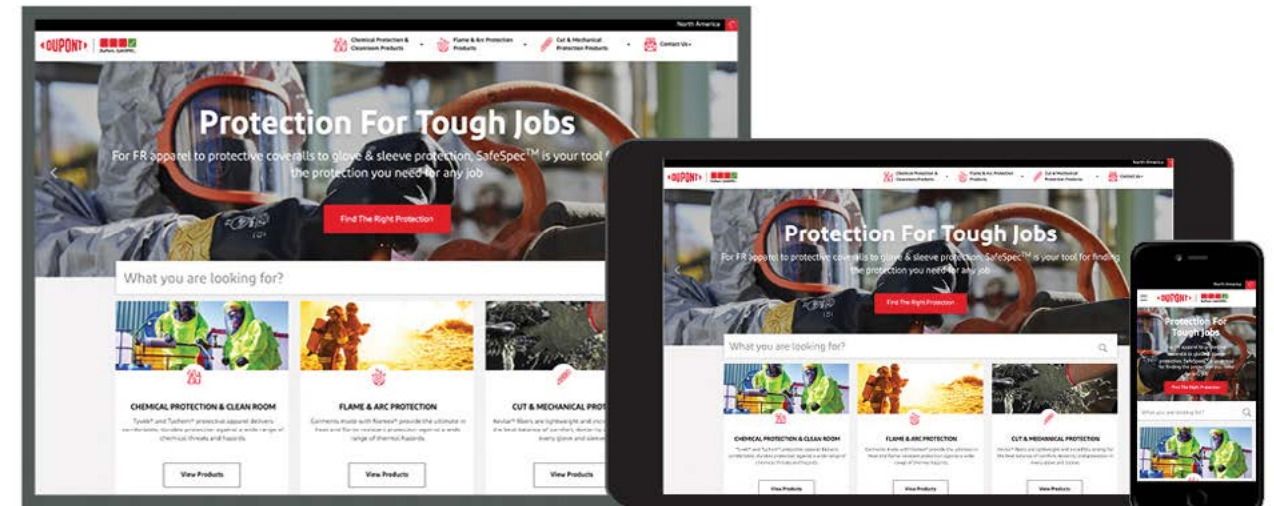


# We're here to help

DuPont™ SafeSPEC™, our powerful web-based tool, can assist you with finding the appropriate DuPont garments for chemical, controlled environment, thermal, electric arc and mechanical hazards.

SafeSPEC™ has a full permeation test results database for DuPont™ Tychem® fabrics and allows you to search by either hazard or industry to help you find the right protection for the job at hand.

[safespec.dupont.com](https://safespec.dupont.com)







The product information contained is current as of the date of publication, but may be revised as new information is developed. Before relying on any performance data for the purchase or performance of products, you should check [safespec.dupont.com](https://safespec.dupont.com) or contact Customer Service at 1-800-931-3456 to determine whether there is new information that relates to your intended use or application of the product.

**For more information, contact us at 1-800-931-3456. We also offer a 24-hour emergency hotline, 1-800-441-7515.**

**It is the responsibility of the user to:**

Get trained in the proper use, handling, storage, maintenance and disposal of garments;

Review and understand available information about the appropriate use of garments/accessories;

Verify that the garment is appropriate for the user's specific application;

Verify that the garment meets all specified government and industry standards for user's specific application;

Carefully inspect the garment for damage before and after use, including all fabric, seams and closures.

**WARNING:** Cleanroom apparel should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Cleanroom fabrics should have slip-resistant materials on the outer sole of boots, shoe covers or other garment surfaces in conditions where slipping could occur.

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

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont™ Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

ProShield® 6 SFR and Tychem® 2000 SFR coveralls provide only secondary flame-resistant protection. They must always be worn over an appropriate primary flame-resistant garment and primary flame-resistant hood/balaclava in an environment that needs flame protection, along with other personal protective equipment that protects your face, hands and feet.

Do not wear non-flame-resistant garments in potentially flammable or explosive environments. Instead, consider use of flame-resistant or secondary flame-resistant garments, which must be worn over primary flame-resistant garments.

Tyvek® 500, Tyvek® 600 and Tyvek® 800 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 also be reported to DuPont at 1-800-441-3637 (outside the U.S. 1-302-774-1139) so that an investigation can be initiated.

After June 2023, Tyvek® 500, Tyvek® 600 and Tyvek® 800 are manufactured under specifications that exclude components containing natural rubber latex.

Garments should have slip-resistant or antislip 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.

Tyvek® coveralls and ProShield® 60 coveralls can be considered for use with the appropriate respirators and other suitable PPE to minimize contact with isocyanate paint aerosols. Tyvek® garments are not appropriate if they are getting wet (paint is dripping or running, or wet to the touch) or if spotting is observed on skin or garments worn under the coveralls. Tychem® aprons and smocks are available for situations where prolonged liquid exposure may be limited to the front of the torso and/or arms of the wearer. These aprons and smocks can be worn with Tyvek® to provide localized protection while limiting the level of thermal discomfort.

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 MAKES 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 THIS 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.



## DuPont™ SafeSPEC™—we're here to help

Our powerful web-based tool can assist you with finding the appropriate DuPont garments for chemical, controlled environment, thermal and mechanical hazards.

[safespec.dupont.com](https://safespec.dupont.com)



**DuPont Personal Protection**  
[safespec.dupont.com](https://safespec.dupont.com)  
[dpp.dupont.com](https://dpp.dupont.com)

**DuPont Personal Protection**  
 **@DuPontPPE**



## Certified Industrial Hygienist team

A DuPont Certified Industrial Hygienist can conduct a job hazard assessment to help you determine the best DuPont garment for a specific hazard.