



# DuPont Personal Protection

2019 Product catalog



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## Original garment name

- DuPont™ Tempro®
- ProShield® Basic
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new garment
- ProShield® NexGen®
- ProShield® 3  
new garment

## Original garment name

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

## Original garment name

- new garment
- Tychem® QC
- Tychem® SL
- Tychem® CPF 3
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# One simple system

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



DuPont™ Tychem®  
Orange



DuPont™ Tyvek®  
Blue



DuPont™ ProShield®  
Gray

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.



DuPont™ SafeSPEC™

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

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



Original	New	
 Tychem® Reflector®	 Tychem® 10000 FR	Heavy chemical exposure
 Tychem® TK	 Tychem® 10000	
 Tychem® RESPONDER® CSM	 Tychem® Responder® CSM	
 Tychem® BR	 Tychem® 9000	
 Tychem® ThermoPro	 Tychem® 6000 FR	
 Tychem® F	 Tychem® 6000	
 Tychem® CPF 3	 Tychem® 5000	
 Tychem® SL	 Tychem® 4000	
 Tychem® QC	 Tychem® 2000	
new garment	 Tychem® 2000 SFR	
new garment	 Tyvek® 800	Level of protection
 Tyvek® Plus	 Tyvek® 600	
 Tyvek® Xpert	 Tyvek® 500	
new garment	 Tyvek® 400 HV	
 Tyvek®	 Tyvek® 400	
 Tyvek® Dual	 Tyvek® 400 D	
new garment	 ProShield® 80	
ProShield® 3	 ProShield® 70	
 ProShield® NexGen®	 ProShield® 60	
new garment	 ProShield® 50	
DuPont™ SureStep™	 ProShield® 30	Non-hazardous particles, liquids and aerosols
 ProShield® Basic	 ProShield® 10	
 DuPont™ Tempro®	 ProShield® 6 SFR	

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

Heavy chemical exposure

Level of protection

Light chemical exposure

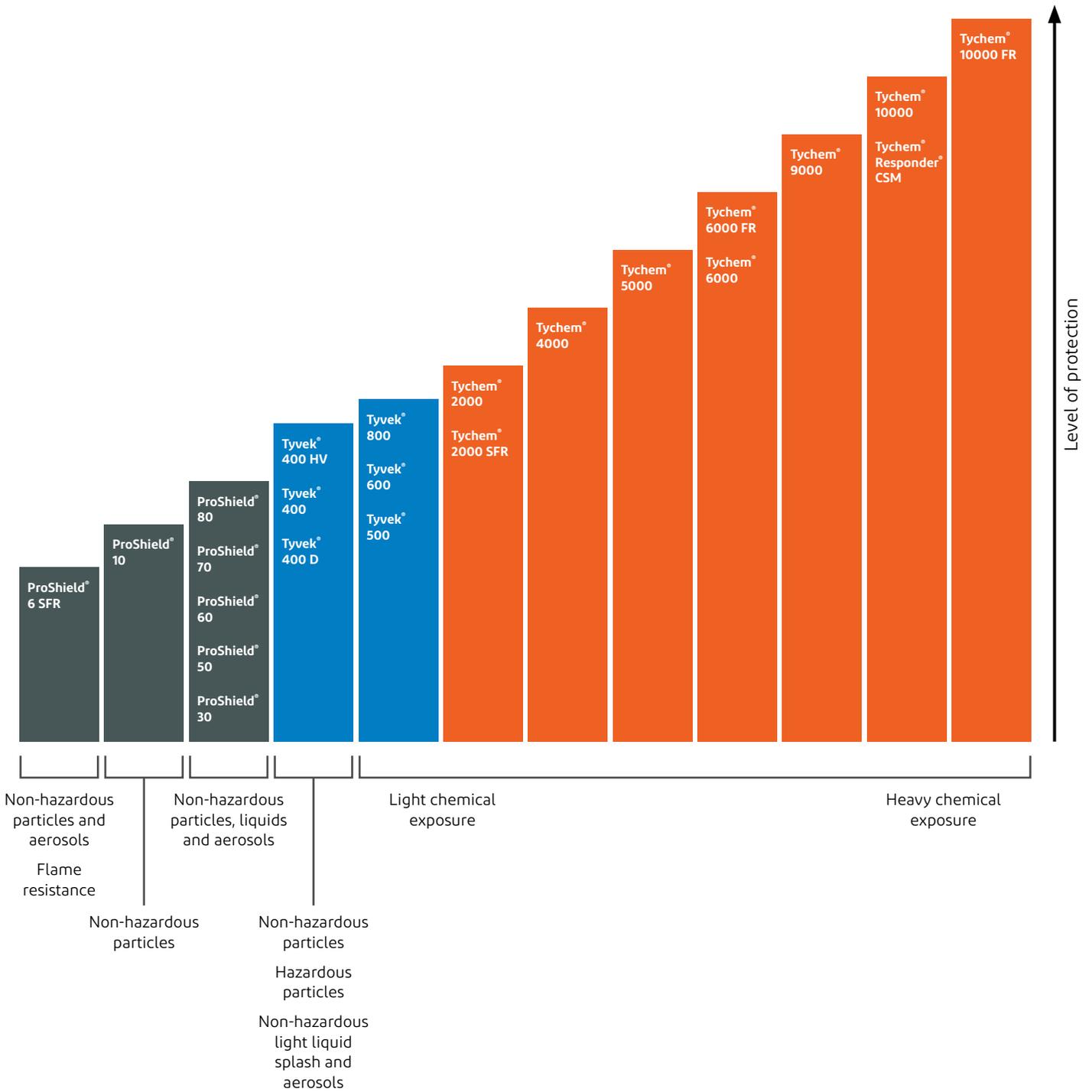
Non-hazardous particles  
Hazardous particles  
Non-hazardous light liquid splash and aerosols

Non-hazardous particles, liquids and aerosols

Non-hazardous particles

Non-hazardous particles and aerosols

Flame resistance



# 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 DuPont technologies such as Tychem® and 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:

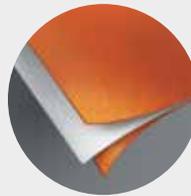
- 1) penetration testing—appropriate for particle hazards
- 2) permeation testing—appropriate for liquid and gaseous hazards

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 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 100% 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

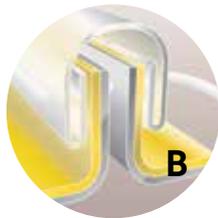
## Seam construction

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\***

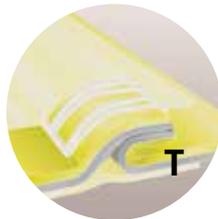
Tightly sewn with a reinforced outer binding to increase seam strength and barrier. For potential misting exposure of non-hazardous liquids or particle penetration through the seam.



**Taped**

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

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



**Double taped**

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

\*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 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.



**Low visibility**

The high-visibility colors chosen for Tychem® fabrics were based on extensive research. For example, the human eye is more sensitive to the lime yellow of DuPont™ Tychem® 10000 and the safety yellow color of Tychem® 9000 and Tychem® 2000 fabrics. 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 and Tychem® 9000 Level A garments feature a wrap-around 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.

## Base catalog number

The first six characters provide the basic representation of the product.

## Additional product detail

The remaining characters provide additional product detail and complete the full part number.



### Fabric

The first two characters are the fabric description.

#### Abbreviations

#### Tychem®

- RF** 10000 FR
- TK** 10000
- RC** Responder® CSM
- BR** 9000
- TP** 6000 FR
- TF** 6000
- TYF** 6000
- C3** 5000
- SL** 4000
- QC** 2000
- QS** 2000 SFR
- 99** Accessories

#### Tyvek®

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

#### ProShield®

- P8** 80
- P3** 70
- NG** 60
- NB** 50
- 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.

### Gloves

- VB** Viton™ butyl
- BT** Butyl
- NP** Neoprene
- NT** Nitrile
- PV** PVC

### 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
- LY** Lime yellow
- OR** Orange
- SV** Silver
- TN** Tan
- WH** White
- YL** Yellow

### Size

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

#### Abbreviations\*

- 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
- 00** Universal

See page 49 for sizing charts.

### 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.

\*Not all sizes are available in all styles.

#### Stock items versus make to order

For ProShield® and Tyvek® garments, sizes medium to 4X are identified as stock items. Sizes small and 5X and above are identified as make to order. Certain accessory items are also identified as make to order.

Most garments in the Chemical/Hazmat line (Tychem® 2000, Tychem® 4000, Tychem® 6000, Tychem® 9000, Tychem® Responder® CSM and Tychem® 10000) are identified as make to order. A small grouping is identified as stock items, following the same size guidelines as indicated above.

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

# Product part numbers

## Option code abbreviations

- 00** Standard offering
- 0B** Bulk pack
- 2K** Double storm flap w/zipper & hook-and-loop closure
- 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
- G1** Reduced case quantity
- HL** Hook-and-loop
- JF** CPE sleeve cuff and jam fit glove insert
- LG** 8.25" high shoe cover
- NF** NAFTA sourced
- 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
- WG** With gloves

## Option codes for Tyvek® IsoClean® garments\*:

- CS** Clean and sterile: clean-processed, individually packaged and sterilized by gamma radiation
- OS** Sterile: individually packaged and sterilized by gamma radiation
- OC** Clean: clean-processed, individually packaged
- 00** or **0B** Bulk packaged
- PI** Individually packaged in an opaque bag

\*See pages 54-55 for Tyvek® IsoClean® 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



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	nt	imm.	imm.	>480	>480	>480
Acetonitrile (95%)	75-05-8	L	nt	imm.	60	imm.	131	>480
Ammonia (95%)	7664-41-7	G	nt	imm.	26	imm.	20	90
1, 3-Butadiene (95%)	106-99-0	G	nt	imm.	>480	>480	>480	>480
Carbon disulfide (95%)	75-15-0	L	nt	imm.	imm.	16	>480	>480
Chlorine (95%)	7782-50-5	G	nt	imm.	>480	imm.	>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.	>480	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. 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



21 Industrial chemicals ASTM F1001 Original garment name	CAS #	Physical phase	Tychem® 9000 BR	Tychem® Responder® CSM RESPONDER® CSM	Tychem® 10000 TK	Tychem® 10000 FR Reflector®
Acetone	67-64-1	L	>480	>480	>480	>480
Acetonitrile	75-05-8	L	>480	>480	>480	>480
Ammonia	7664-41-7	G	133	>480	>480	>480
1, 3-Butadiene	106-99-0	G	>480	>480	>480	>480
Carbon disulfide	75-15-0	L	>480	>480	>480	>480
Chlorine	7782-50-5	G	>480	>480	>480	>480
Dichloromethane	75-09-2	L	>480	>480	>480	>480
Diethylamine	109-89-7	L	>480	>480	>480	>480
N, N-Dimethylformamide	68-12-2	L	>480	>480	>480	>480
Ethyl acetate	141-78-6	L	>480	>480	>480	>480
Ethylene oxide	75-21-8	G	>480	>480	>480	>480
n-Hexane	110-54-3	L	>480	>480	>480	>480
Hydrogen chloride	7647-01-0	G	>480	>480	>480	>480
Methanol	67-56-1	L	185	>480	>480	>480
Methyl chloride	74-87-3	G	>480	>480	>480	>480
Nitrobenzene	98-95-3	L	>480	>480	>480	>480
Sodium hydroxide, 50%	1310-73-2	L	>480	>480	>480	>480
Sulfuric acid	7664-93-9	L	>480	>480	>480	>480
1, 1, 2, 2-Tetrachloroethylene	127-18-4	L	>480	>480	>480	>480
Tetrahydrofuran	109-99-9	L	>480	>480	>480	>480
Toluene	108-88-3	L	>480	>480	>480	>480
<b>Chemical warfare agents**</b>						
Lewisite (L)	541-25-3	L	>480 <sup>1</sup>	>480 <sup>1</sup>	>480 <sup>2</sup>	>480 <sup>1</sup>
Mustard (HD)	505-60-2	L	>480 <sup>2</sup>	>480 <sup>2</sup>	>480 <sup>2</sup>	>480 <sup>2</sup>
Tabun (GA)	77-81-6	L	>480 <sup>3</sup>	>480 <sup>3</sup>	>480 <sup>4</sup>	>480 <sup>3</sup>
Sarin (GB)	107-44-8	L	>480 <sup>4</sup>	>480 <sup>4</sup>	>480 <sup>4</sup>	>480 <sup>4</sup>
Soman (GD)	99-64-0	L	>480 <sup>3</sup>	>480 <sup>3</sup>	>480 <sup>4</sup>	>480 <sup>3</sup>
VX Nerve Agent	50782-69-9	L	>480 <sup>4</sup>	>480 <sup>4</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. 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,

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

Our database includes the permeation data of 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](http://safespec.dupont.com). To provide a quicker overview of our products and where they are ideally suited for use, we developed the simple guide below. Our goal was to match the level of protection and value for a given exposure hazard.

## Tyvek® and ProShield® products

### Typical general industrial hazards/description/examples

Garment	Non-hazardous								Hazardous										
	Particles		Aerosol	Light liquid splash*			Fertilizer	Pesti- cides	Asbestos	Lead	Chro- mium	Beryllium	Mold	Fiber- glass	Carbon	Radio- active particles	Isocyanate containing	Bloodborne pathogens	Flame** resistance
	General dirt & grime	Animal waste	Sanding & grinding waste	Spray paint	Oil & grease	Lubri- cants													
Tyvek® 400	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tyvek® 400 HV	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tyvek® 500	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tyvek® 600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tyvek® 800	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ProShield® 80																		●	
ProShield® 70																		●	
ProShield® 60	○	○	○	●	●	●	●	●									●		
ProShield® 50	○	○	○	●	●	●	●	●											
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 sewn seams, where the seam thread is visible on the outside of the garment. Tyvek® 500 and Tyvek® 600 garments 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 garments offer secondary flame resistance and are to be worn over primary flame-resistant garments such as Nomex® IIIA.

It is the user's responsibility to determine the nature and level of hazard and the proper personal protective equipment (PPE) 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 Tyvek® IsoClean®, Sierra™ and 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. The incident should also be reported to DuPont at 1 800 441 3637 so that an investigation can be initiated.

# Product line by hazard

## 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)	NFPA Ensembles					
	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	1991 Flash fire option	1991 Liquid gas option	1992	1994 Class 2	2112	70E Cat 2
Tychem® 2000 SFR	●	●	●											
Tychem® 2000	●	●	●*											
Tychem® 4000	●	●	●*	○										
Tychem® 5000	○	●	○	●			○				●			
Tychem® 6000	○	●	○	●			●				●			
Tychem® 6000 FR	○	○	○	●	●		●				●		●	●
Tychem® 9000	○	○	○	●		○	●	○						
Tychem® Responder® CSM	○	○	○	●		●	●	●						
Tychem® 10000	○	○	○	●		●	●	●						●
Tychem® 10000 FR	○	○	○	●	●	●	●	●	●	●				

● 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.

# Product line by hazard

## Tychem® gloves

Typical industrial general hazards	Gloves												
	PV350	NT420	NT430	NT450	NT470	NT480	NP530	NP560	NP570CT	BT730	BT770	VB830	VB870
Bloodborne pathogens (ISO 16604 Class 6)		Pass	Pass		Pass	Pass							
Food handling (FDA 21 CFR 177.2600)		Pass	Pass	Pass	Pass	Pass	Pass						
Cut resistance (ANSI level A5, EN level 5)										Pass			
Dry powders	●	●	●	●	●	●	●	●	●	●	●	●	●
Hydrogen peroxide (30%)	●	●	●		●	●	●	●	●		●		●
Liquid inorganic acids	●	○	○	○			○	○	○	●	●	●	●
Liquid inorganic bases	○	○	○	●	●	●	●	●	●	●	●	●	●
Alcohols	○				○	○		○	○	●	●	●	●
Hydrocarbons (non-aromatic)				○	○	○		○	○			●	●
Aromatic hydrocarbons												●	●
Isocyanates					●	●							
Ketones								○	○	○	○		
Amines											○		
Hazardous gases (such as Cl <sub>2</sub> , NH <sub>3</sub> , HF, HCl)					●	●					●		●

Comparison within the DuPont portfolio: ● Generally preferred ○ Acceptable for use (Blank) Not recommended

It is the user's responsibility to determine the nature and level of hazard and the proper personal protective equipment (PPE) needed. The information set forth herein reflects laboratory performance of materials 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 glove selected is suitable for the chemical(s) being handled and the intended use. Please contact DuPont for specific data. There may be several Tychem® gloves that can provide the necessary protection against a specific chemical. Sometimes the work scenario may have other factors, such as the need for increased dexterity or cut protection, that should be taken into account based on the Tychem® glove options available which offer the necessary chemical protection level.

Tychem® gloves are designed for limited use. They can be worn until damaged, altered or contaminated. If the gloves have not been contaminated, they can be cleaned for hygienic purposes and reused.

Potential allergens:  
 Thiazoles-NT420, NT450  
 Carbamate-NT470, NT480, NP530  
 Natural rubber latex-NP530

Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products. The incident should also be reported to DuPont at 1 800 441 3637 so that an investigation can be initiated.



# DuPont™ ProShield® 6 SFR

Original name: DuPont™ Tempo®

## Coverall¹

- TM120SBUX002500 MD-6X
- TM120SBUX0025PI MD-4X

Serged seams  
Collar  
Zipper closure



## Coverall¹

- TM122SBUX002500 MD-7X
- TM122SBUX0025PI MD-4X

Serged seams  
Attached hood  
Zipper closure  
Elastic wrists  
Elastic ankles  
Attached boot covers²



## Coverall¹

- TM127SBUX002500 MD-6X
- TM127SBUX0025PI MD-4X

Serged seams  
Attached hood  
Zipper closure  
Elastic wrists  
Elastic ankles



TM127S

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.**

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.

¹Styles do not have storm flaps.

²These 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
- PB120SBUXX002500

Serged seams  
Collar  
Zipper closure  
Storm flap  
MD-7X



## Lab coat

- PB212SBUXX003000

Serged seams  
Collar  
Snap closure  
Two pockets  
SM-7X



## Coverall

- PB122SWHXX002500
- PB122SBUXX002500

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



## Lab coat

- PB219SWHXX003000
- PB219SBUXX003000

Serged seams  
Knit collar  
Set sleeve  
Knit cuff  
Snap closure  
(6 + 1 adjustable)  
Pockets  
(1 left chest pencil,  
2 lower front)  
SM-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 or white, and gray in style 127

## Coverall

- PB125SWHXX002500
- PB125SBUXX002500

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



## Frock

- PB267SWHXX003000

Serged seams  
Mandarin collar  
Set sleeve  
Knit cuff  
Elastic wrists  
Snap closure  
(6 + 1 adjustable)  
SM-4X



## Coverall

- PB127SWHXX002500
- PB127SBUXX002500
- PB127SGYXX002500

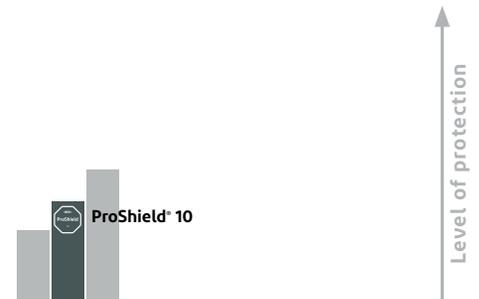
Serged seams  
Attached hood  
Zipper closure  
Storm flap  
Elastic wrists  
Elastic ankles  
MD-7X



## Frock

- PB271SWHXX003000
- PB271SBUXX003000

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





# 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



## Shoe cover

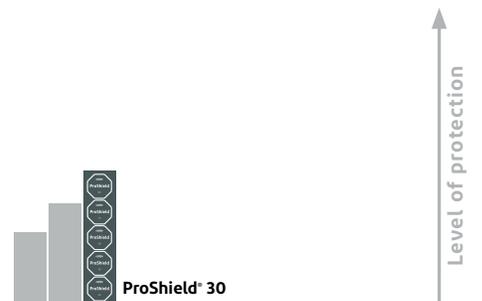
● PE440SBUXX020000

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



Spunbonded polypropylene with polyethylene film coating

Slip resistance—both wet and dry





# DuPont™ ProShield® 50

Original name: new garment

## Coverall

NB120SWHXX002500

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



## Coverall

NB122SWHXX002500

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



## Coverall

NB125SWHXX002500

- Serged seams
- Collar
- Zipper closure
- 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>2</sup>
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- SM-6X



## Sleeves

NB500SWHXX0200YU

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



NB127S

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, general industrial maintenance

Lighter weight and roomy design make for greater comfort and mobility

ProShield® 50 is white

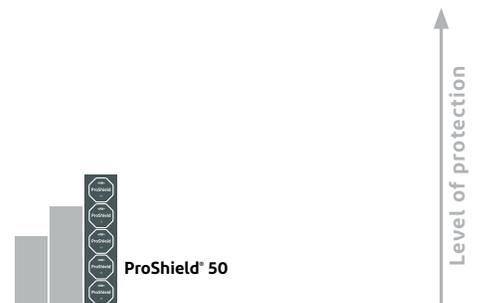
<sup>2</sup>Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

Bound and sewn 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
- 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
- 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
- Elastic wrists
- Elastic ankles
- Attached skid-resistant boots
- SM-6X



## Shoe cover

○ NG451SWHXX020000

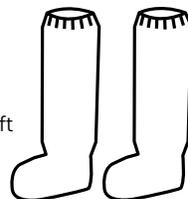
- Serged seams
- Elastic openings
- 5" height
- ProShield® 60 fabric shaft
- PVC sole
- 200/cs (100 pairs)
- SM-XL



## Boot cover

○ NG456SWHXX010000

- Serged seams
- Elastic openings
- Elastic ankles
- 18" height
- ProShield® 60 fabric shaft
- PVC sole
- 100/cs (50 pairs)
- SM-XL



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

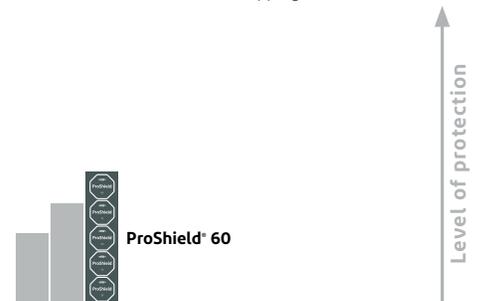
\*Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

Bound and sewn 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: DuPont™ ProShield® 3

## Shoe cover

● P3450SGYXX020000

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



## Boot 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

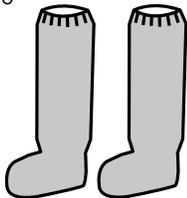
- Serged seams
- Elastic openings
- 10" height
- ProShield® 70 fabric
- Skid resistant
- 100/cs (50 pairs)
- One size fits most



## Boot cover

● P3454SGYXX010000

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



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

Provides non-hazardous liquid splash protection

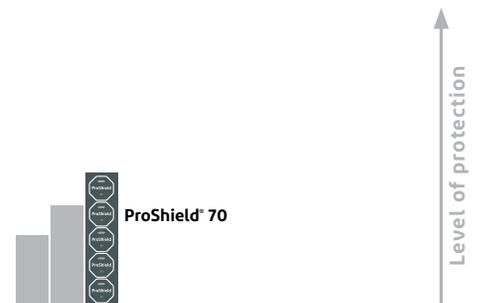
ProShield® 70 is gray

LG = 8.25" high shoe cover

Bound and sewn 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™ ProShield® 80

Original name: new garment



**P8127B**

Hydrophobic outer layer

Comfort fit design and gusset crotch

Breathable fabric with MVTR measured according to ASTM D6701

Bound seams exceed seam strength requirements as defined in ASTM F3352

Meets the US industry requirements for blood (ASTM F1670) and viral penetration (ASTM F1671)

ProShield® 80 is blue

## Coverall

**P8122BBUX002500**

- Bound seams
- Attached hood (respirator fit)<sup>2</sup>
- Elastic hood opening
- Storm flap
- Elastic wrists
- Elastic ankles
- Attached boots
- Thumb loops
- 25/cs
- SM-6X



## Coverall

**P8125BBUX002500**

- Bound seams
- Storm flap
- Elastic wrists
- Elastic ankles
- Thumb loops
- 25/cs
- SM-6X



## Coverall

**P8127BBUX002500**

- Bound seams
- Attached hood (respirator fit)<sup>2</sup>
- Elastic hood opening
- Storm flap
- Elastic wrists
- Elastic ankles
- Thumb loops
- 25/cs
- SM-6X



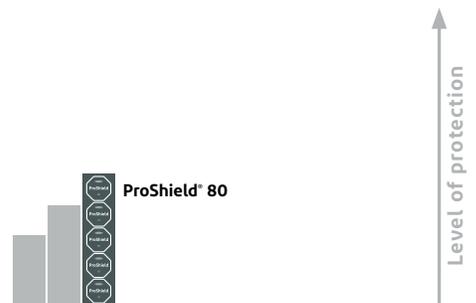
<sup>2</sup>**Respirator fit hoods** are designed with a longer zipper, extending to the chin for complete coverage of the neck area. **Standard hoods** only extend to the neck. See page 7 for photos.

Bound and sewn 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.





# 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>2</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

## Pants

○ TD350SWBXX0025CM

- Serged seams
- Elastic waist
- MD-5X



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

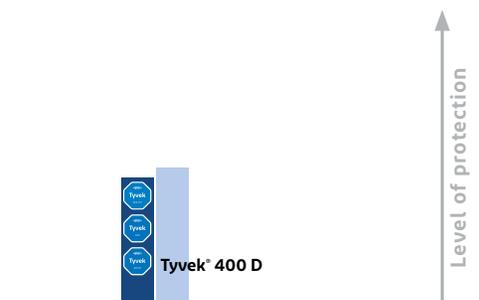
<sup>2</sup>**Respirator fit hoods** are designed with a longer zipper, extending to the chin for complete coverage of the neck area. **Standard hoods** only extend to the neck. See page 7 for photos.

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

★ NAFTA/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

- TY125SWHXX002500 MD-7X
- TY125SWHXX0006G1 MD-4X
- TY125SWHXX0025VP MD-7X

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



## Coverall

- TY122SWHXX002500 MD-7X
- TY122SWHXX0006G1 MD-4X
- TY122SWHXX0025NF MD-7X
- TY122SWHXX0025VP MD-7X

Serged seams  
Attached hood (respirator fit)<sup>2</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

★ NAFTA/TAA COMPLIANT

Serged seams  
Attached hood (respirator fit)<sup>2</sup>  
Zipper closure  
Storm flap  
Elastic waist  
Elastic wrists  
Elastic ankles  
Comfort fit design



## Coverall

- TY151SWHXX002500

Serged seams  
Collar  
Snap closure  
XL-3X



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 = NAFTA/TAA compliant

VP = Vend packed

**Only NF option codes are NAFTA/TAA compliant.**

<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 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.

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.



Level of protection ↑



# DuPont™ Tyvek® 400

Original name: Tyvek®

## Frock

- TY210SWHXX003000 SM-7X
- TY210SWHXX0030VP D-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-7X
- ★ **NAFTA/TAA COMPLIANT**

Serged seams  
Collar  
Snap closure  
Two pockets



## Sleeves

- TY500SWHXX020000
  - TY500SWHXX0200NF
- ★ **NAFTA/TAA COMPLIANT**

Serged seams  
Elastic openings  
18" length  
One size fits most



## Hood

- TY657SWHXX010000

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



TY127S

**Only NF option codes are NAFTA/TAA compliant.**

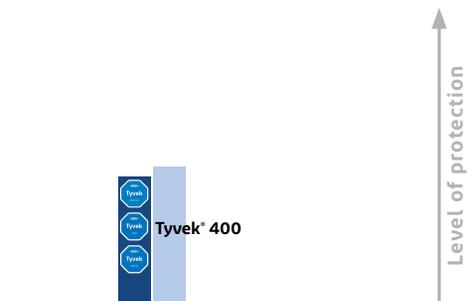
Bound and sewn seams and closures have less barrier than fabric.

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® 400

Original name: Tyvek® boot and shoe covers

## 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

TY452SWHXX010000

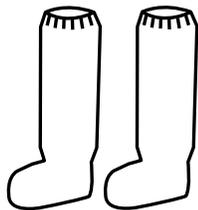
Tyvek® fabric  
Serged seams  
Elastic openings  
10" height  
100/cs (50 pairs)  
One size fits most



## 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 openings  
Elastic ankles  
18" height  
Skid resistant  
100/cs (50 pairs)  
LG-XL



## Shoe cover—Tyvek® 400 FC

FC450SGYXX020000

FC450SGYXX0200NF

★ **NAFTA/TAA COMPLIANT**

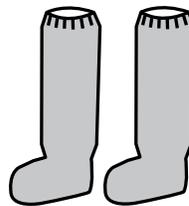
Tyvek® FC fabric  
Serged seams  
Elastic openings  
Elastic toe, sole and heel seams  
5" height  
Skid resistant  
200/cs (100 pairs)  
One size fits most



## 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



Skid-resistant materials for shoe/boot covers to prevent slipping

Tyvek® 400 with Friction Coating

Tyvek® 400 FC is gray

LG = 8.25" high shoe cover

NF = NAFTA/TAA compliant

SR = Skid resistant

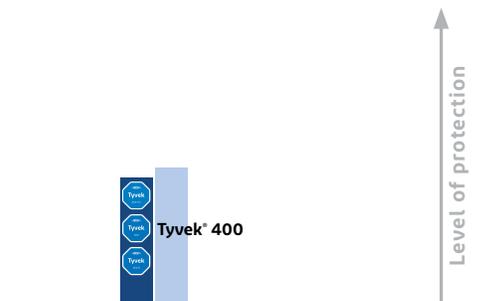
### Only NF option codes are NAFTA/TAA compliant.

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.





# DuPont™ Tyvek® 400 HV

Original name: new garment



TY125S

### Coverall

- TY125SHVXX0025PI SM-3X
- TY125SHVXX0025XC SM-6X

Serged seams  
Mandarin collar  
Zipper closure  
Elastic waist  
Elastic wrists  
Elastic ankles  
25/cs



### Coverall

- TY127SHVXX0025XC SM-6X

Serged seams  
Attached hood (respirator fit)<sup>2</sup>  
Zipper closure  
Storm flap  
Elastic waist  
Elastic wrists  
Elastic ankles  
Comfort fit design



Durability and breathability of Tyvek®

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

Tyvek® 400 HV is fluorescent orange with retroreflective bands for high visibility

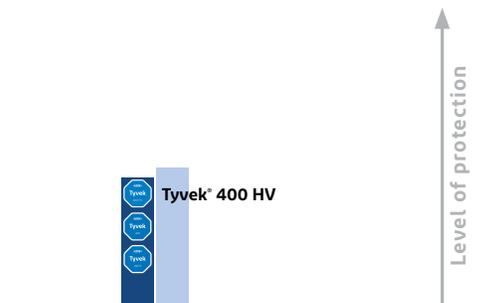
<sup>2</sup>**Respirator fit hoods** are designed with a longer zipper, extending to the chin for complete coverage of the neck area. **Standard hoods** only extend to the neck. See page 7 for photos.

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® 500 and Tyvek® 600

Original name: Tyvek® Xpert and Tyvek® Plus



TY198S



TY198T

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

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

Tyvek® 500 is white

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), including 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

**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.

Bound and sewn 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—Tyvek® 500

○ TY198SWHXX0025LA

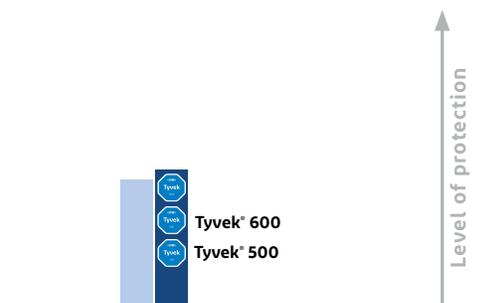
- External serged seams
- Attached hood
- Storm flap
- Elastic wrists
- Elastic ankles
- CE certified
- Category III Type 5-B and 6-B
- Packaged individually
- SM-7X



## Coverall—Tyvek® 600

○ TY198TWHXX0025PI

- Taped seams
- Attached hood (respirator fit)<sup>2</sup>
- Storm flap
- Elastic wrists
- Elastic ankles
- CE certified
- Category III Type 4-B, 5-B and 6-B
- SM-7X





# DuPont™ Tyvek® 800

Original name: new garment

## Coverall

○ TJ198TWHXX0025PI

- Taped seams
- Attached hood (respirator fit)<sup>2</sup>
- Storm flap
- Elastic wrists
- Elastic ankles
- CE certified
- Category III type 3-B, 4-B, 5-B and 6-B
- SM-3X



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)

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>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.

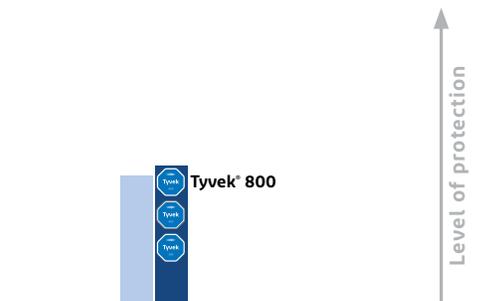
Bound and sewn seams and closures have less barrier than fabric.

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>2</sup>
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Attached socks<sup>1</sup>
- Outer boot flaps with elastic
- SM-5X



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

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

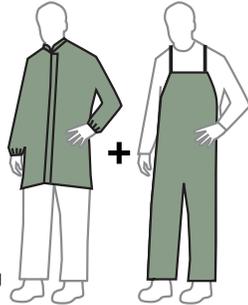
[newtychem.dupont.com](http://newtychem.dupont.com)

## Combo suit (jacket and bib overall)

● QS750TGRXX000400

### Jacket

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



### Bib overall

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

## Apron

● QS275TGRXX001200

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



Please note that Tychem® fabrics have different permeation performance. Please check 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® 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.

<sup>2</sup>**Respirator fit hoods** are designed with a longer zipper, extending to the chin for complete coverage of the neck

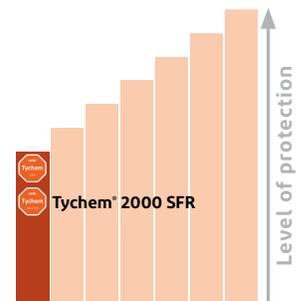
area. **Standard hoods** only extend to the neck. See page 7 for photos.

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 provide secondary flame resistance; they must be worn over appropriate primary flame-resistant garments (such as Nomex® IIIA). Tychem® 2000 SFR garments should not be worn alone in areas where flame exposure may occur.





# DuPont™ Tychem® 2000

Original name: Tychem® QC

## Coverall

● QC120SYLXX001200

Serged seams  
Collar  
Zipper closure  
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



Light liquid splash protection

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

Tychem® 2000 is polyethylene-coated Tyvek® fabric

Flexible, durable and lightweight

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

## 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



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

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

Tychem® 2000 is yellow for high visibility

## 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, MD-6X

● QC127TYLXX000400  
Taped seams, MD-5X

Attached hood  
Zipper closure  
Storm flap  
Elastic wrists  
Elastic ankles



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

Please note that Tychem® fabrics have different permeation performance. Please check 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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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.

## Coverall

● QC122SYLXX001200

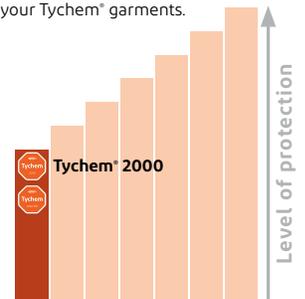
Serged seams  
Attached hood  
Zipper closure  
Storm flap  
Elastic wrists  
Attached socks¹  
MD-7X



## Coverall

● QC127SYLXX001200

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





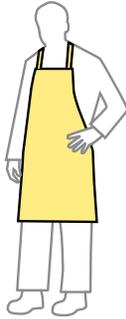
# DuPont™ Tychem® 2000

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

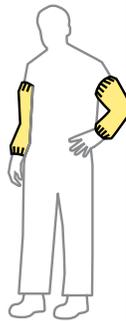
Bound seams  
Raw edge neck with snaps  
Attached long sleeves  
Waist ties  
Elastic wrists  
44" long  
SM-4X



## Sleeve

● QC500BYLXX020000

Bound seams  
Elastic openings  
18" length  
One size fits most



## Apron

● QC275BYLXX0025HL

Bound seams  
Hook-and-loop neck closure  
Attached long sleeves  
Waist ties  
Elastic wrists  
44" long  
SM-4X



QC127

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

Please note that Tychem® fabrics have different permeation performance. Please check 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.

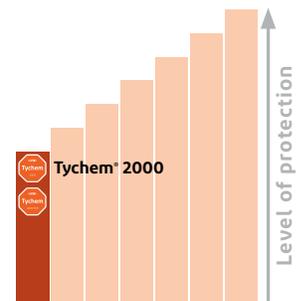
\*These Tychem® 2000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and 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® 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



## 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, MD-7X  
○ SL127TWHXX000600  
Taped seams, MD-7X

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



Effective protection against a range of chemicals

Uses include waste management, hazardous response and nuclear environments

Tychem® 4000 is laminated to Tyvek® fabric

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

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

## 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, SM-7X

Attached hood (respirator fit)²  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Elastic ankles



## Coverall

○ SL122BWHXX0012BN  
Bound seams  
★ BERRY AMENDMENT COMPLIANT  
○ SL122TWHXX0006BN  
Taped seams  
★ BERRY AMENDMENT COMPLIANT

Attached hood  
Zipper closure  
Storm flap with tape closure  
Elastic wrists  
Attached socks¹  
MD-7X



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

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.

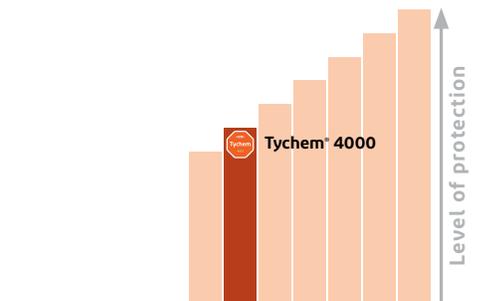
Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire.

Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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.

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

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





# DuPont™ Tychem® 4000

Original name: Tychem® SL

## Coverall

○ SL128TWHXX000600

- 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



SL120B



SL122T

## 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-4X



## Apron

○ SL275TWHXX0025HL

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



## Apron

○ SL278BWHXX001200

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



## Apron

○ SL278BWHXX0012HL

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

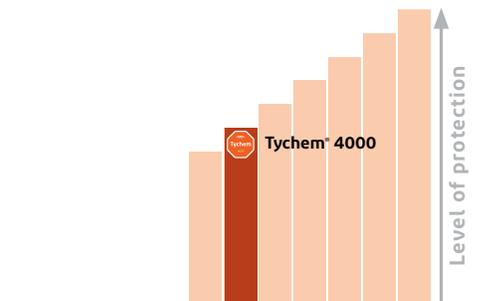


Seams and closures have less barrier than fabric.  
Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.  
Note: Not all sizes available in all styles.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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.

Please note that Tychem® fabrics have different permeation performance. Please check 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.





# DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

## Coverall

- C3122TTNXX0006BN SM-5X  
★ BERRY AMENDMENT COMPLIANT
- C3122TTNXX000600 SM-7X

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



C3127T

Strong and durable garments with broad chemical barrier

Tychem® 5000 is a multi-layer barrier film laminated to a durable fabric

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

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

Tychem® 5000 198T/199T are certified to NFPA 1992, *Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies*



## 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



## Apron

- C3275TTNXX000600

Taped seams  
Bound snap neck  
Attached long sleeves  
Waist ties  
Elastic wrists  
44" long  
SM-4X



Please note that Tychem® fabrics have different permeation performance. Please check 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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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.



## Coverall

- C3128TTNXX000600
- C3128TTNXX0006BN  
★ BERRY AMENDMENT COMPLIANT
- C3128TTNXX00062K

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





# DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

## Coverall—HD design

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



## Coverall HD design—certified to NFPA 1992

C3198TTNXX0006WG

Taped seams  
Attached hood (respirator fit)<sup>2</sup>  
Zipper closure  
Double storm flaps with hook-and-loop closure  
Attached Guardian™ butyl outer/multi-layer laminate inner gloves  
Elastic ankles  
SM-5X



## Coverall—HD design

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



## Coverall HD design—certified to NFPA 1992

C3199TTNXX000600

C3199TTNXX0006BN

★ BERRY AMENDMENT COMPLIANT

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



## Coverall HD design—certified to NFPA 1992

C3198TTNXX000600

C3198TTNXX0006BN

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



## Coverall HD design—certified to NFPA 1992

C3199TTNXX0006WG

Taped seams  
Attached hood (respirator fit)<sup>2</sup>  
Zipper closure  
Double storm flaps with hook-and-loop closure  
Attached Guardian™ butyl outer/multi-layer laminate inner gloves  
Attached socks<sup>1</sup>  
Outer boot flaps  
SM-5X



C3199T

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

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

Please note that Tychem® fabrics have different permeation performance. Please check 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.

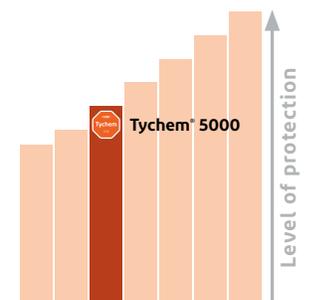
<sup>1</sup>These Tychem® 5000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

<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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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® 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

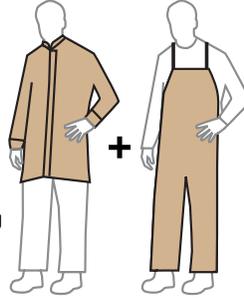


## Combo suit (jacket and bib overall)

● C3750TTNXX000600

### Jacket

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



### Bib overall

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

## Bib overall

● C3360TTNXX000600

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



## Jacket

● C3670TTNXX000600

● C3670TTNXX0006JF

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



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

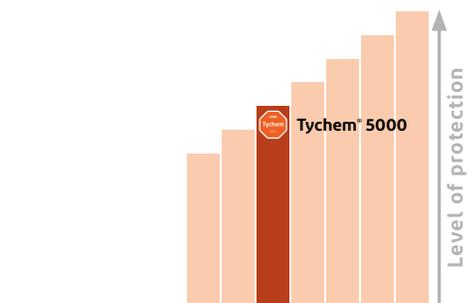
Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

**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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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® 5000

Original name: Tychem® CPF 3

## Encapsulated Level B

C3525TTNXX000600

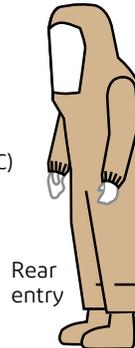
- Front entry
- Taped seams
- Standard faceshield (20 mil PVC)
- Zipper closure
- Double storm flaps with hook-and-loop closure
- Flat back with one exhaust vent (airline access)
- Elastic wrists
- Elastic ankles
- Air access left side
- SM-4X



## Encapsulated Level B

C3526TTNXX000600

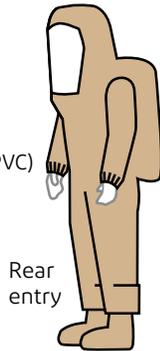
- Rear entry
- Taped seams
- Standard faceshield (20 mil PVC)
- Zipper closure
- Double storm flaps with hook-and-loop closure
- Flat back with one exhaust vent (airline access)
- Elastic wrists
- Attached socks¹
- Outer boot flaps
- SM-4X



## 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 socks¹
- Outer boot flaps
- SM-4X



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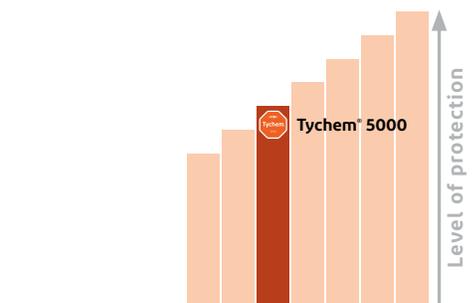
¹These Tychem® 5000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

**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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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® 6000

Original name: Tychem® F

## Coverall

- TF125TGY2X0006TV
- ★ TAA COMPLIANT

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

Successfully tested by Edgewood Chemical Biological Center in Aberdeen, MD

Tychem® 6000 is a barrier film laminated to Tyvek®

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

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

Tychem® 6000 TF199T and TF611T are certified to NFPA 1992, *Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies*

## Coverall

- TF145TGYXX0006TV
- ★ TAA COMPLIANT

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



TF611T

## Coverall

- TF169TGYXX0006TV
- ★ TAA COMPLIANT
- TF169TGYXX000600

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



## Coverall

- TF186TGYXX0006PI
- Taped seams  
Attached hood (respirator fit)<sup>2</sup>  
Zipper closure  
Storm flap with tape closure  
Attached butyl gloves  
Attached socks<sup>1</sup>  
Outer boot flaps  
MD-5X



## Coverall— certified to NFPA 1992

- TF199TGYXX0006WG

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



### Only TV option codes are TAA compliant.

Please note that Tychem® fabrics have different permeation performance. Please check 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.

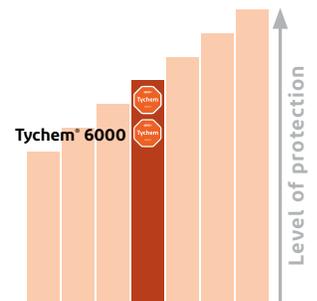
<sup>1</sup>These Tychem® 6000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

<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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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® 6000

Original name: Tychem® F

## Coverall— certified to NFPA 1992

● TF611TGYXX0001NF

- Taped seams
- Elastomeric face seal
- Rear entry
- Horizontal zipper
- Attached multi-layer laminate gloves
- Attached socks<sup>1</sup>
- Outer boot flaps
- Reinforced waist and knees for added protection
- SM–5X



## Apron

● TYFPA30SGYXX002500

- No seams
- Neck and waist ties
- Partial body chemical protective clothing, Category III, Type PB [3]
- EN 14126 (barrier to infective agents)
- EN 1149-1 (antistatic treatment on inside)
- Shin length
- One size fits most



TYFPL5

## Coverall

● TYFCHA5TORXX002500

- Taped seams
- Attached hood (respirator fit)<sup>2</sup>
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Elastic ankles
- Thumb loops
- Chin flap
- Chemical protective clothing, Category III, Type 3-B, 4-B, 5-B and 6-B
- EN 14126 (barrier to infective agents)
- EN 1073-2 (protection against radioactive contamination)
- EN 1149-5 (antistatic treatment on inside)
- MD–2X



## Sleeves

● TYFPS32SGYXX005000

- Taped seam
- Elastic openings
- 18" length
- Partial body chemical protective clothing, Category III, Type PB [3]
- EN 14126 (barrier to infective agents)
- EN 1149-1 (antistatic treatment on inside)
- One size fits most



## Gown

● TYFPL50SGYXX002500

- Taped seams
- Wrap-over rear closure with tie
- Partial body chemical protective clothing, Category III, Type PB [3]
- Shin length
- SM/MD and LG/2X



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

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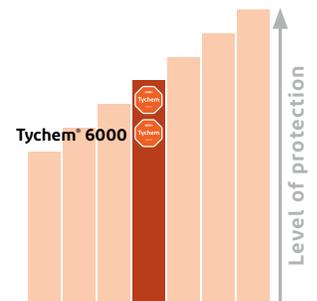
<sup>1</sup>These Tychem® 6000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

<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.

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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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® 6000 FR

Original name: Tychem® ThermoPro

**Coverall—  
certified to NFPA 1992 and  
NFPA 2112 and meets  
NFPA 70E Category 2**

TP198TGYYX000200

TP198TGYYX0002BN

★ **BERRY AMENDMENT  
COMPLIANT**

TP198TORXX000200

TP198TORXX0002BN

★ **BERRY AMENDMENT  
COMPLIANT**



**TP198T**

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 Nomex® into a single garment

Tychem® 6000 FR 198T/199T meet the requirements of NFPA 1992 *Standard on Liquid-Splash Protective Ensembles and Clothing for Hazardous Materials Emergencies*

NFPA 2112, *Standard on Flame-Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire*



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

**Coverall—  
certified to NFPA 1992 and  
NFPA 2112 and meets  
NFPA 70E Category 2**

TP199TGYYX000200

TP199TGYYX0002BN

★ **BERRY AMENDMENT  
COMPLIANT**

TP199TORXX000200

TP199TORXX0002BN

★ **BERRY AMENDMENT  
COMPLIANT**



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

Please note that Tychem® fabrics have different permeation performance. Please check 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 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.

<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.

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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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.

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*

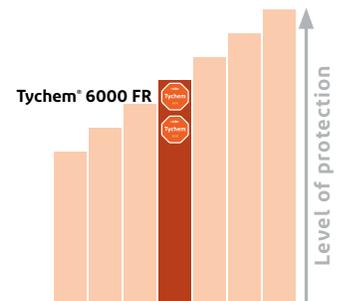
Constructed for heavy use, yet lightweight and easy to wear

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 available in orange for high visibility and gray for discretionary purposes with a low-visibility patch

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





# DuPont™ Tychem® 6000 FR

Original name: Tychem® ThermoPro

## Backless coverall

TP800TORXX000200

Open back coverall  
Buckle closure around waist  
Snap closure around neck  
LG-5X



## Sleeved apron

TP275TGYXX000200

TP275TORXX000200

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



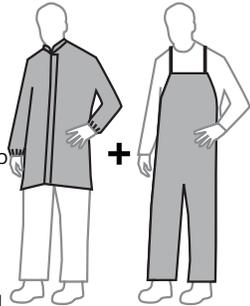
## Combo suit (jacket and bib overall)

TP750TGYXX000200

TP750TORXX000200

### Jacket

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

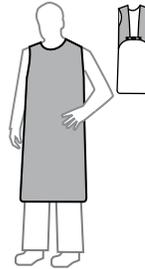


## Apron

TP284TGYXX000400

TP284TORXX000400

Taped seams  
Sleeveless apron  
Buckle closure system  
Waist strap  
SM-4X



TP750T

### Bib overall

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

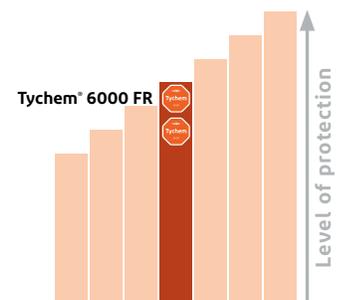
Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ for permeation data that meets your specific needs.

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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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® 9000

Original name: Tychem® BR

## Encapsulated Level A

● BR557TYLXX00017R

- Rear entry
- Taped seams
- EX (extra-wide) three-layer faceshield (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
- Flat back
- Internal adjustment belt
- Attached internal multi-layer laminate gloves
- Attached butyl gloves
- Attached socks<sup>1</sup>
- Outer boot flaps with elastic XL-4X



Rear entry



BR528T

Broad protection for hazardous material handlers

Uses include chemical handling and petrochemical manufacturing

Tychem® 9000 is a multi-layer composite barrier laminated to a strong, nonwoven substrate

Tear-, puncture- and abrasion-resistant for lasting, consistent protection

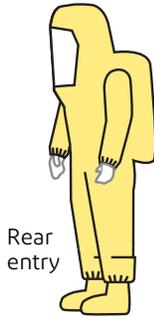
Tychem® 9000 provides at least 30 minutes of protection against >280 chemical challenges

Tychem® 9000 is yellow for high visibility

## Encapsulated Level B

● BR528TYLXX000100

- 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 with elastic MD-4X



Rear entry

Please note that Tychem® fabrics have different permeation performance. Please check 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.

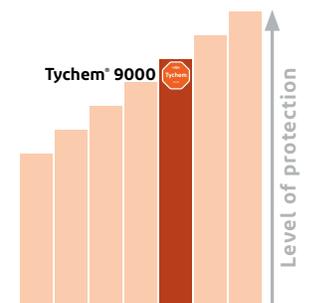
<sup>1</sup>These Tychem® 9000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

**Storm flaps:** All taped seam coveralls have a single storm flap with a pressure-sensitive tape 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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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® 9000

Original name: Tychem® BR

## Coverall

● BR125TYLXX000200

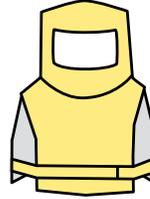
- Taped seams
- Collar
- Zipper closure
- Double storm flaps with tape closure
- Elastic wrists
- Elastic ankles
- SM-5X



## Hood

● BR651TYLXX000200

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



## Coverall

● BR127TYLXX000200 SM-6X

● BR127TYLXX0002BN SM-5X

★ BERRY AMENDMENT COMPLIANT

- Taped seams
- Attached hood (respirator fit)<sup>2</sup>
- Zipper closure
- Double storm flaps with tape closure
- Elastic wrists
- Elastic ankles

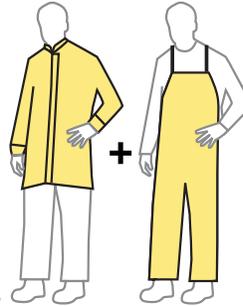


## Combo suit (jacket and bib overall)

● BR753TYLXX000600

### Jacket

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



### Bib overall

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

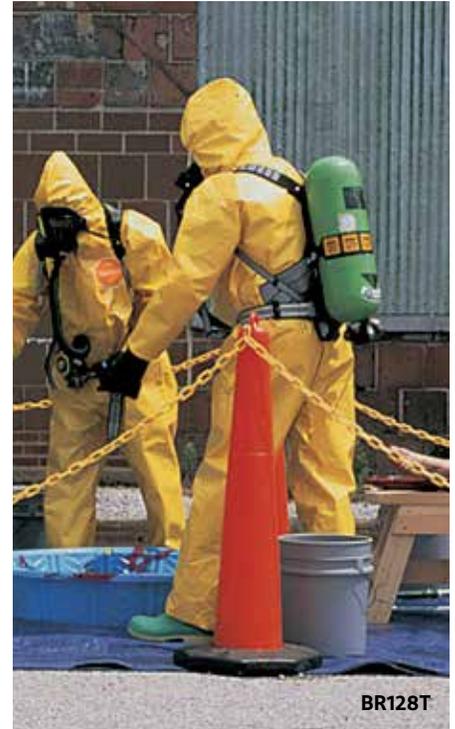
## Coverall

● BR128TYLXX000200

● BR128TYLXX0002BN

★ BERRY AMENDMENT COMPLIANT

- Taped seams
- Attached hood (respirator fit)<sup>2</sup>
- Zipper closure
- Double storm flaps with tape closure
- Elastic wrists
- Attached socks<sup>1</sup>
- Outer boot flaps with elastic
- SM-7X



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

Please note that Tychem® fabrics have different permeation performance. Please check 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® 9000 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.

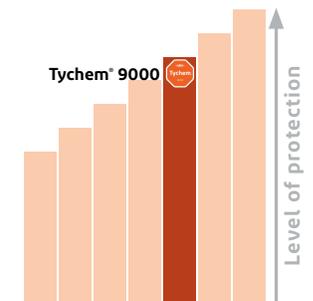
<sup>2</sup>Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

**Storm flaps:** All taped seam coveralls have a single storm flap with a pressure-sensitive tape 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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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.





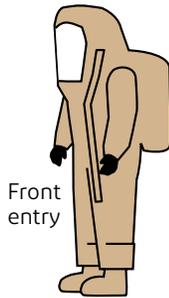
# DuPont™ Tychem® Responder® CSM

Original name: Tychem® RESPONDER® CSM

## Encapsulated Level A

- RC550TTNXX000100 MD-4X
  - RC550TTNXX00017C call for sizing
  - RC550TTNXX00017S call for sizing
  - RC550TTNXX00017W call for sizing
- ★ **NAFTA/TAA COMPLIANT**

Front entry  
 Double taped seams  
 Three-layer 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



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 is multiple barrier films laminated to both sides of a strong substrate fabric

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 NAFTA/TAA compliant

## Coverall

- RC128TTNXX000100
- ★ **NAFTA/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



Please note that Tychem® fabrics have different permeation performance. Please check 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.

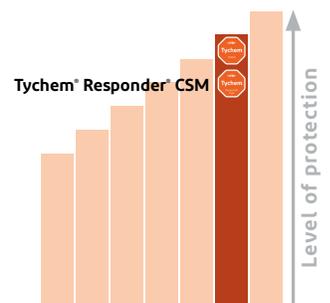
²Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

**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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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.



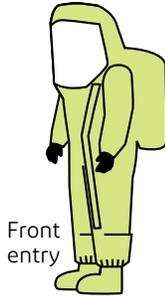


# DuPont™ Tychem® 10000

Original name: Tychem® TK

## Encapsulated Level A

- TK554TLYXX000100 MD-4X
- TK554TLYXX00015C MD-4X
- TK554TLYXX00017S call for sizing
- ★ **NAFTA/TAA COMPLIANT**



- Front entry
- Double taped seams
- EX (extra-wide) three-layer faceshield (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 socks¹
- Outer boot flaps with elastic



TK554T

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

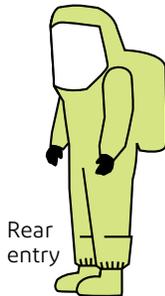
Tychem® 10000 provides at least 30 minutes of protection against >320 chemical challenges

Tychem® TK612T/613T certified to NFPA 1994 Class 2, *Standard on Protective Ensembles for First Responders to Hazardous Materials Emergencies and CBRN Terrorism Incidents*



## Encapsulated Level A

- TK555TLYXX000100 MD-4X
- TK555TLYXX00015C MD-4X
- TK555TLYXX00017S call for sizing
- ★ **NAFTA/TAA COMPLIANT**

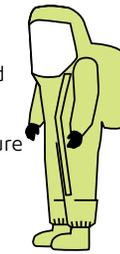


- Rear entry
- Double taped seams
- EX (extra-wide) three-layer faceshield (PVC 40 mil/Teflon™ 5 mil/PVC 20 mil)
- Gas-tight PVC zipper closure
- Double storm flaps with hook-and-loop closure
- Two exhaust valves
- Expanded back
- Internal adjustment belt
- Attached internal multi-layer laminate gloves
- Attached outer butyl or Viton™ gloves
- Knee wear pads
- Attached socks¹
- Outer boot flaps with elastic

## Encapsulated Level A—certified to NFPA 1994 Class 2

- TK612TLYXX000100 Front entry, MD-4X
- TK613TLYXX000100 Rear entry, call for sizing
- ★ **NAFTA/TAA COMPLIANT**

- Double taped seams
- EX (extra-wide) three-layer faceshield (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 socks¹
- Outer boot flaps with elastic



TK612T Front entry



TK613T Rear entry

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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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.

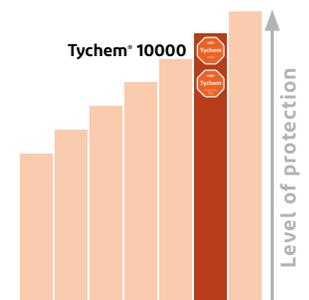
Tychem® 10000 is lime yellow for high visibility

All Tychem® 10000 encapsulated suits are NAFTA/TAA compliant

Please note that Tychem® fabrics have different permeation performance. Please check 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® 10000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are





# DuPont™ Tychem® 10000

Original name: Tychem® TK

## Encapsulated Level A

- TK552TLYXX00017R
- ★ **NAFTA/TAA COMPLIANT**
- ★ **BERRY AMENDMENT COMPLIANT**

Front entry  
 Double taped seams  
 Standard three-layer faceshield (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 socks¹  
 Outer boot flaps with elastic LG-2X



## Coverall

- TK128TLYXX000200
- ★ **NAFTA/TAA COMPLIANT**

Taped seams  
 Attached hood (respirator fit)²  
 Zipper closure  
 Double storm flaps with tape closure  
 Elastic wrists  
 Attached socks¹  
 Outer boot flaps with elastic SM-6X



TK128T

## Encapsulated Level B

- TK527TLYXX0001BN
- ★ **NAFTA/TAA COMPLIANT**
- ★ **BERRY AMENDMENT COMPLIANT**

Front entry  
 Taped seams  
 Standard faceshield (40 mil PVC)  
 Zipper closure  
 Double storm flaps with hook-and-loop closure  
 Two exhaust vents  
 Expanded back  
 Elastic wrists  
 Attached socks¹  
 Outer boot flaps with elastic SM-4X



Please note that Tychem® fabrics have different permeation performance. Please check 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.

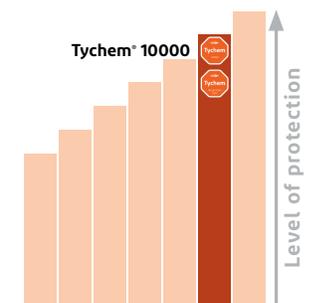
¹These Tychem® 10000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

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 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 and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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.





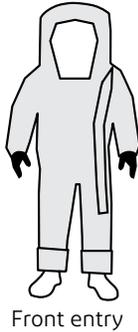
# DuPont™ Tychem® 10000 FR

Original name: Tychem® Reflector®

## Fully encapsulated Level A Tychem® 10000 FR—certified to NFPA 1991

- RF600TSVXX000100
- RF600TSVXX00017M
- RF600TSVXX00017N
- ★ NAFTA/TAA COMPLIANT

- Front entry
- Double taped seams
- Three-layer (PVC 40 mil/Teflon™ 5 mil/PVC 40 mil) faceshield
- Gas-tight zipper closure
- Double storm flaps with hook-and-loop closure
- Two Pirelli® exhaust valves
- Expanded back
- Glove liners
- Multi-layer attached gloves (multi-layer laminate/neoprene/Kevlar® knit)
- Attached socks¹
- Outer boot flaps
- SM-4X



“Single skin” garment offers broad chemical holdout

Ideally suited for industrial and Hazmat situations

Chemical protection in one garment that is easy to don and doff

Tychem® 10000 FR provides at least 30 minutes of protection against >290 chemical challenges

Certified to NFPA 1991, *Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies and CBRN Terrorism Incidents*, with flash fire escape and liquefied gas options



Tychem® 10000 FR is high-visibility silver

All Tychem® 10000 FR suits are NAFTA/TAA compliant

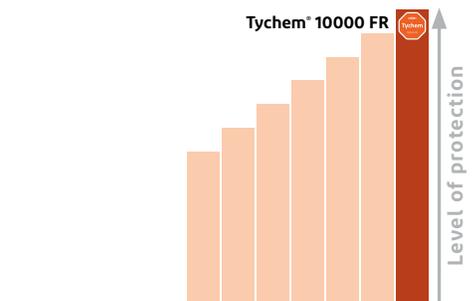
Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ for permeation data that meets your specific needs.

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

¹These Tychem® 10000 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.

**Warning:** Suits do not provide thermal skin protection for direct contact with hot solids or liquids. They do not provide protection from continuous radiant heat sources such as furnaces or smelters. Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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® accessories

## Tychem® 10000 fully encapsulated training suit

TK586SLYXX000100  
Front entry, MD-4X

TK586SLYXX00017W  
Front entry, MD-4X

TK586TLYXX000100  
Front entry, MD-6X

TK587SLYXX000100  
Rear entry, MD-4X

★ NAFTA/TAA COMPLIANT

EX (extra-wide) faceshield (20 mil PVC)  
Zipper closure  
Storm flap over zipper  
Internal waist belt  
Expanded back  
Attached butyl gloves  
Attached socks¹  
Outer boot flaps  
Clearly labeled as a training suit



## Cool-Guard® vest

996000BU00000100  
Personal cooling product

## Cool-Guard® refills

9960300000000100  
Spare set of 4



## Glove ring assembly— Male glove insert

99961000000002DL



## Universal pressure test kit

99081000000001UV

The universal pressure test kit is designed for periodic air pressure testing on all Level A fully encapsulated suits.

This compact, lightweight kit is completely self-contained, requiring no external air supply.

Input voltage 85–264 vac @ 47–63 Hz or 120–370 vdc

### Additional components available, please call customer service.

For a complete list of pass-thru option codes, please see page 9.

For more detailed information regarding pass-thrus, please call Customer Service.

¹These 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.

**Warning:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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.



## Pirelli® air relief exhaust valve

9993700000000100



## Auer® air relief exhaust valve

9902600000000100



## Pirelli® exhaust diaphragm

9912200000000100 1/cs  
9912200000000200 2/cs  
9912200000000300 3/cs



## Auer® adapters for test kits

9911600000000100  
Two adapters for DuPont kit to test Tychem® Responder® CSM suits

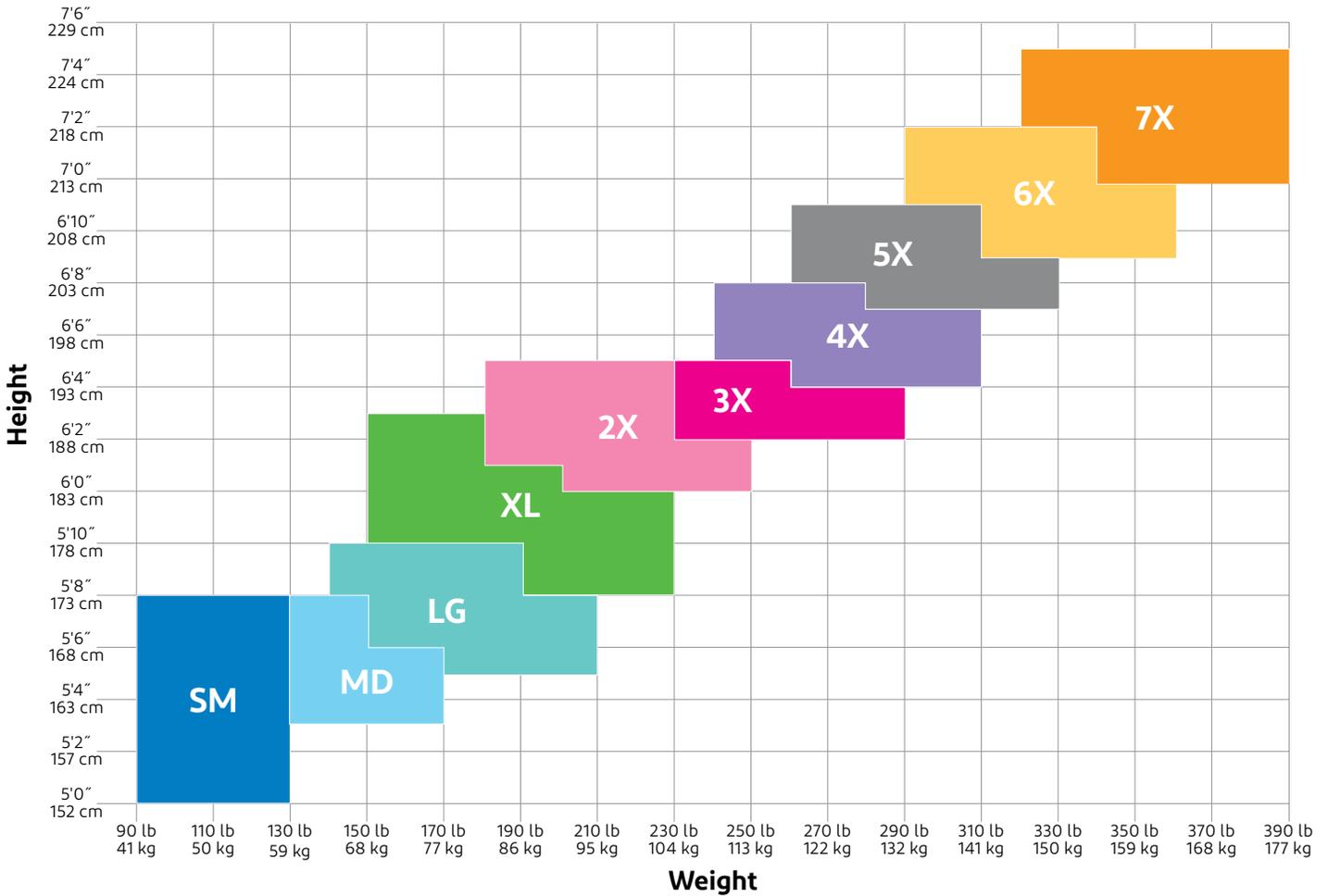


## Pirelli® adapters for test kits

9993900000000100  
Two adapters for DuPont kit to test Tychem® Responder® CSM suits

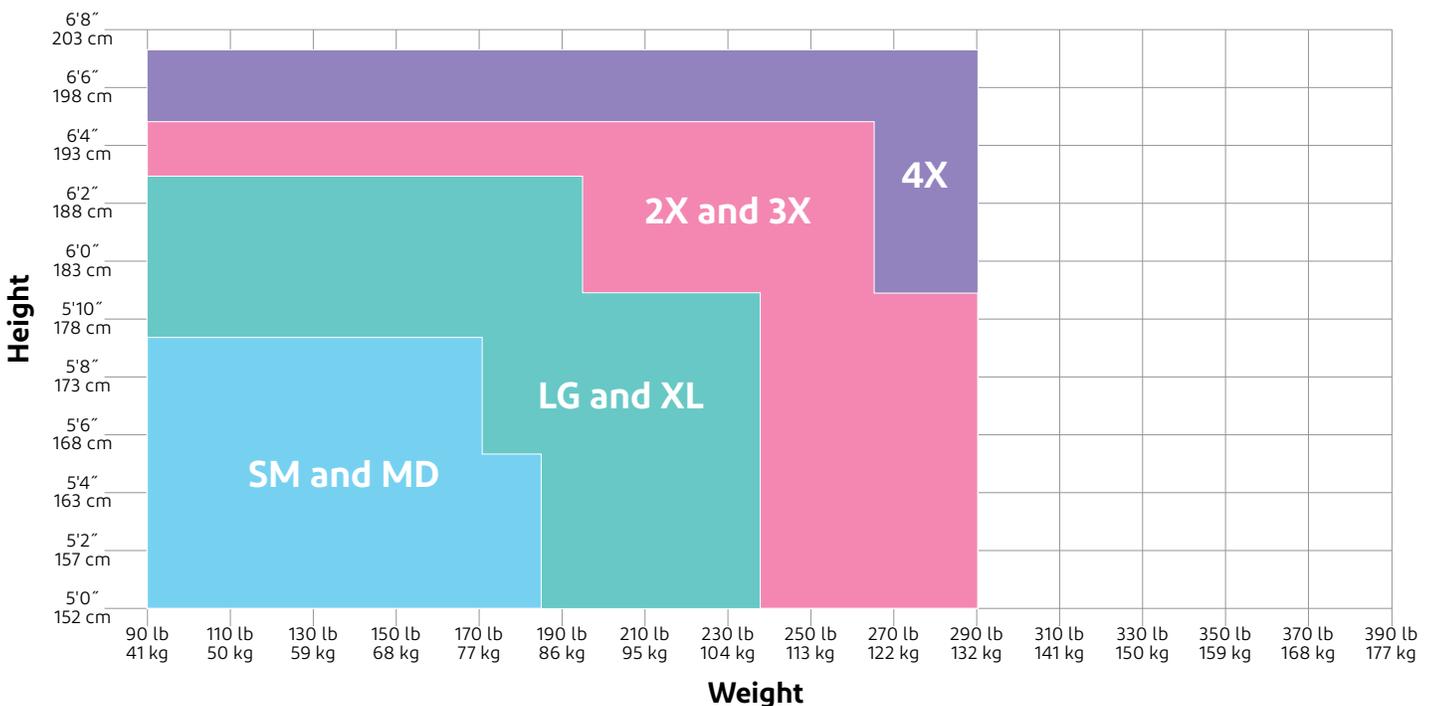
# Sizing charts

## Sizing for protective garments



## Sizing for fully encapsulated suits

This chart is based on individuals wearing SCBA, safety helmet and standard work clothing. Fit varies with individual body shape.





# DuPont™ Tychem® gloves

## Tychem® PV350

Extremely durable, cotton-lined PVC construction with rough grip. Suitable for defensive protection from chemicals, oils and greases.

● PV3500BK100144CF

CAT III, EN ISO 374-1, Type B, EN ISO 374-5, EN 388

Fully coated PVC, cotton/jersey

Thickness: 55 mil (1.40 mm)

Nominal coating thickness: 20 mil (0.51 mm)

Length: 14 in. (356 mm)

10/LG



## Tychem® NT450

Flexible knit-lined dual nitrile glove. Protects against an array of solvents, oils and acids.

● NT4500BU080144KL  
NT4500BU090144KL  
NT4500BU100144KL  
NT4500BU110144KL

CAT III, EN ISO 374-1, Type A, EN ISO 374-5, EN 388

Double coated full nitrile, cotton/polyester

Thickness: 56 mil (1.42 mm)

Nominal coating thickness: 13 mil (0.33 mm)

Length: 14 in. (356 mm)

8/S-11/XL



## Tychem® NT420

Chemical splash and oil protection. Designed for jobs requiring barrier protection, while keeping tactile discrimination.

● NT4200BU061000UL  
NT4200BU071000UL  
NT4200BU081000UL  
NT4200BU091000UL

CAT III, EN ISO 374-1, Type B, EN ISO 374-5

100% nitrile, unlined

Thickness: 8 mil (0.2 mm)

Length: 9.5 in. (240 mm)

6/S-9/XL



## Tychem® NT470

Resistant to a range of solvents, oils, hydrocarbons, animal fats, greases and other chemicals. Bisque finish allows secure handling in wet and dry conditions. Unlined, with an ergonomic design to maximize comfort.

● NT4700GR060288UL  
NT4700GR070288UL  
NT4700GR080288UL  
NT4700GR090288UL  
NT4700GR100288UL  
NT4700GR110288UL

CAT III, EN ISO 374-1, Type A, EN ISO 374-5, EN 388

100% nitrile, unlined

Thickness: 15 mil (0.38 mm)

Length: 13 in. (330 mm)

6/XS-11/XXL



## Tychem® NT430

Lightweight with "second-skin" feel. Resistant to oils, hydrocarbons and greases. Lint-free, dust-free cuff prevents dirt from entering the glove.

● NT4300BU060288UL  
NT4300BU070288UL  
NT4300BU080288UL  
NT4300BU090288UL  
NT4300BU100288UL  
NT4300BU110288UL

CAT III, EN ISO 374-1, Type A, EN ISO 374-5

100% nitrile, unlined

Thickness: 9 mil (0.23 mm)

Length: 12 in. (305 mm)

6/XS-11/XXL



## Tychem® NT480

Bisque finish allows secure handling in wet and dry conditions. Resistant to a range of solvents, animal fats and other chemicals. Flock-lined with an ergonomic design for enhanced comfort.

● NT4800GR060288CF  
NT4800GR070288CF  
NT4800GR080288CF  
NT4800GR090288CF  
NT4800GR100288CF  
NT4800GR110288CF

CAT III, EN ISO 374-1, Type A, EN ISO 374-5, EN 388

100% nitrile, cotton flock

Thickness: 15 mil (0.38 mm)

Length: 13 in. (330 mm)

6/XS-11/XXL





# DuPont™ Tychem® gloves

## Tychem® NP530

Double-dipped neoprene over natural rubber for dexterity. Resistant to a wide range of chemicals.

- NP5300BK070288CF
- NP5300BK080288CF
- NP5300BK090288CF
- NP5300BK100288CF

CAT III, EN ISO 374-1, Type A, EN ISO 374-5, EN 388

Neoprene over natural rubber, cotton flock

Thickness: 26 mil (0.66 mm)

Length: 12 in. (305 mm)

7/S-10/XL



## Tychem® BT730

Protection against a wide array of chemicals. Provides resistance to many highly corrosive acids and is designed for handling ketones and alcohols.

- BT7300BK070024UL
- BT7300BK080024UL
- BT7300BK090024UL
- BT7300BK100024UL
- BT7300BK110024UL

CAT III, EN ISO 374-1, Type A, EN ISO 374-5, EN 388

Fully coated butyl, unlined

Thickness: 14 mil (0.35 mm)

Length: 14 in. (356 mm)

7/S-11/XXL



## Tychem® VB870

Provides protection from a variety of chlorinated solvents and aliphatic or aromatic hydrocarbons, such as benzene, toluene and xylene. Suitable for military applications.

- VB8700BK090024UL
- VB8700BK100024UL
- VB8700BK110024UL

CAT III, EN ISO 374-1, Type A, EN ISO 374-5, EN 388

Fully coated Viton™ over butyl, unlined

Thickness: 28 mil (0.71 mm)

Length: 14 in. (356 mm)

9/L-11/XXL



## Tychem® NP560

Resistant to a wide range of chemicals, including acids, caustics, solvents, greases and oils. Suitable for heavy-duty work or applications involving exposure to the presence of solvents.

- NP5600BK080144KL
- NP5600BK090144KL
- NP5600BK100144KL
- NP5600BK110144KL

CAT III, EN ISO 374-1, Type A, EN ISO 374-5, EN 388

Fully coated flexible neoprene, 15-gauge seamless, polyester knit liner

Thickness: 55 mil (1.39 mm)

Nominal coating thickness: 30 mil (0.76 mm)

Length: 14 in. (356 mm)

8/S-11/XL



## Tychem® BT770

Provides protection against a variety of highly corrosive chemicals, alcohols, ketones and esters.

- BT7700BK080024UL
- BT7700BK090024UL
- BT7700BK100024UL
- BT7700BK110024UL

CAT III, EN ISO 374-1, Type A, EN ISO 374-5, EN 388

Fully coated butyl, unlined

Thickness: 28 mil (0.7 mm)

Length: 14 in. (356 mm)

8/M-11/XXL



## Tychem® VB830

Provides protection from a variety of chlorinated solvents and aliphatic or aromatic hydrocarbons, such as benzene, toluene and xylene.

- VB8300BK070024UL
- VB8300BK080024UL
- VB8300BK090024UL
- VB8300BK100024UL
- VB8300BK110024UL

CAT III, EN ISO 374-1, Type A, EN ISO 374-5, EN 388

Fully coated Viton™ over butyl, unlined

Thickness: 12 mil (0.30 mm)

Length: 12 in. (305 mm)

7/S-11/XXL



## Tychem® NP570 CT

Protection against the dual risk of chemical exposure and cut. Provides ANSI level A5 and EN level 5 cut protection, as well as first-class defense against acids, caustics, solvents, greases and oils.

- NP5700BK080144EY
- NP5700BK090144EY
- NP5700BK100144EY
- NP5700BK110144EY

CAT III, EN ISO 374-1, Type A, EN ISO 374-5, EN 388, ANSI CUT A5

Neoprene, 13-gauge engineered yarn

Thickness: 68 mil (1.73 mm)

Nominal coating thickness: 30 mil (0.76 mm)

Length: 14 in. (356 mm)

8/S-11/XL



# 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 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

## 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. Also, DuPont Controlled Environments garments help minimize cross-contamination risk because clean-processing and packaging are done in a facility that only handles new garments.

### 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.



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. In addition, they feature the lowest linting and particle shedding of any garments in the DuPont portfolio.

### Options

- CS** Clean and sterile: clean-processed, individually packaged and sterilized by gamma irradiation
- OS** Sterile: individually packaged and sterilized by gamma irradiation
- OC** Clean: clean-processed, individually packaged
- 00** or **0B** Bulk packaged
- PI** Individually packaged in an opaque bag
- BB** Bulk packaged
- BH** 50/bag
- MP** Multipack

# Controlled environments apparel selection guide

## DuPont Controlled Environments garments: Tyvek® IsoClean®, Tyvek® Micro-Clean® 2-1-2, ProClean® 6

Environments	Tyvek® IsoClean®				Tyvek® Micro-Clean® 2-1-2		ProClean® 6*	Considerations
	Clean-processed sterile	Sterile	Clean-processed non-sterile	Bulk non-sterile	Sterile	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® is durable, low-linting and provides an inherent particle barrier. Clean processing and bound seams should be considered for more critical environments.
<b>Hazards</b>								
Non-hazardous dry particles	✓+	✓+	✓+	✓+	✓+	✓+	✓+	Tyvek® provides 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® provides 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								Please refer to our Tychem® product line for liquid and vapor chemical protection.
Electric arc, industrial fire hazard, welding								Please refer to Nomex® 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.
<b>Do Not Use</b>								

Comparison within the DuPont portfolio:

✓+ Best

✓ Better

(Blank) Not recommended

\* Barrier properties may be compromised through use.

\*\* Packaged individually.

# DuPont Controlled Environments

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

## Coverall

- IC253BWHXX00250B SM-5X
- IC253BWHXX00250S SM-5X
- IC253BWHXX00250C SM-5X
- IC253BWHXX0025CS SM-7X

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



## Boot cover

- IC447SWHXX01000B SM-XL
- IC447SWHXX01000C MD-XL
- IC447SWHXX0100CS MD-2X

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



## 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



## 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)



## 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

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.

## Coverall

- IC254BWHXX0025CS

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



## Boot cover

- IC457SWHXX01000B
- IC457SWHXX01000S

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



## Shoe cover

- IC461SWHXX03000B

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



## Coverall

- IC181SWHXX002500 SM-8X
- IC181SWHXX00250C SM-4X

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



# DuPont Controlled Environments

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

## Frock—Tyvek® IsoClean®

- IC270BWHXX003000
- IC270BWHXX00300C
- IC270BWHXX0030CS

Bound seams  
Bound neck  
Set sleeve  
Snap closure  
(6 + 1 adjustable)  
Elastic wrists  
SM-4X



## Shoe cover—Tyvek® IsoClean®

- IC451BWHXX01000B

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



## Frock—Tyvek® IsoClean®

- IC264SWHXX00300B
- IC264SWHXX00300C
- IC264SWHXX0030CS

Serged seams  
Bound neck  
Raglan sleeve  
Zipper closure  
Elastic wrists  
A-line  
SM-4X



## Lab coat—Tyvek® IsoClean®

- IC224SWHXX00300B

Serged seams  
Laydown collar  
Raglan sleeve  
Snap closure (5)  
Pockets  
(1 left chest pencil, 2 lower front)  
SM-2X



## Frock—Tyvek® IsoClean®

- IC263SWHXX00300B

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



## Coverall—Tyvek® IsoClean®

- IC182BWHXX002500
- IC182BWHXX00250C
- IC182BWHXX0025CS

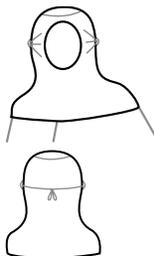
Bound seams  
Bound neck  
Raglan sleeve  
Zipper closure  
Elastic wrists  
Elastic ankles  
SM-4X



## Hood—Tyvek® IsoClean®

- IC668BWHXX01000B
- IC668BWHXX01000C
- IC668BWHXX0100CS

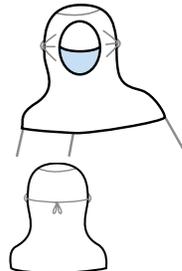
Bound seams  
Full face opening  
Bound hood opening  
Ties with loops for fit  
One size fits most



## Hood/mask—Tyvek® IsoClean®

- IC669BWHXX01000S

Integrated hood/  
mask combination  
Bound seams  
Bound head opening  
Ties with loops for fit  
White hood  
Blue face mask  
Pleated polyethylene  
outer 7" wide mask  
Individually packaged  
100/cs  
One size fits most



# DuPont Controlled Environments

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

## Shoe cover—ProShield® 30

● PE440SBUXX020000

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



## Shoe cover—ProShield® 30

○ PE440SWHXX020000

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



## Controlled environment mask— DuPont™ Sierra™

○ ML7360WHXX0250BH

○ ML7360WHXX02500S

9" size  
Bound Tyvek® ties  
Pleated  
Rayon outer facing  
Metal nose piece  
One size fits most



## Boot cover—ProShield® 30

○ PE444SWHXX010000

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



## Sleeves

○ IC501BWHXX01000B

○ IC501BWHXX01000C

○ IC501BWHXX01000S

○ IC501BWHXX01000CS

Bound seams  
Elastic openings  
18" length  
One size fits most



## Coverall— Tyvek® Micro-Clean® 2-1-2

● CC252BBUXX00250S  
SM–5X

● CC252BBUXX0025PI  
SM–5X

Bound seams  
Bound neck with loop  
at center back  
Dolman sleeve  
Zipper closure  
Elastic wrists  
Elastic ankles



Made from Tyvek® brand flashspun polyolefin protective material

Coated on both sides with proprietary 2-1-2 blue polymeric resin

Antistatic treated

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

Traceability on all sterilized apparel

# Tyvek® protective apparel recycling program

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

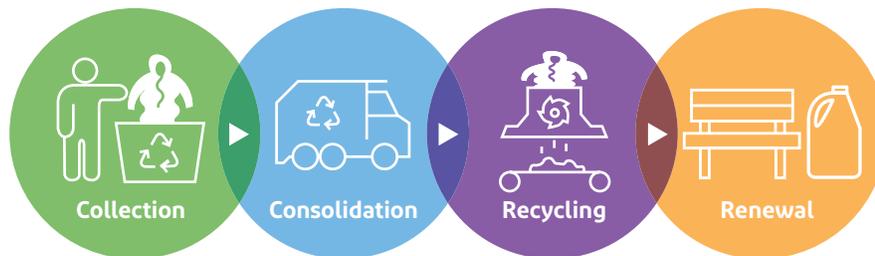
## Why recycle?

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 Tyvek® 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

Sustainability is at the core of what we do—from reducing our operational footprint and creating market-facing sustainable solutions to addressing the global challenges of the future. This program is yet another example of the DuPont commitment to sustainability. 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





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](http://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.

**Warnings:**

- 1) Tyvek® and ProShield® garments should not be used around heat, flame, sparks or in potentially flammable or explosive environments. ProShield® 6 SFR garments offer secondary flame resistance and are to be worn over primary flame-resistant garments such as Nomex® IIIA.
- 2) Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR and 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.
- 3) 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.
- 4) 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.
- 5) If fabric becomes torn, scratched or punctured, or if a garment closure or seam fails, user should immediately discontinue use of garment to avoid serious injury, including potentially deadly chemical exposure(s). Seams, closures and visors may provide less protection than fabric.
- 6) 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.



## 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](http://safespec.dupont.com)



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

**Follow DuPont Personal Protection**



- 7) The outer glove on Tychem® 10000 FR suits may contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Additionally, some internal components not expected to contact the wearer during use may 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. The incident should also be reported to DuPont at 1 800 441 3637 so that an investigation can be initiated.
- 8) 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. The incident should also be reported to DuPont at 1 800 441 3637 so that an investigation can be initiated.
- 9) 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 are gained. DuPont makes no guarantee of results and assumes no obligations or liability in connection with this information. 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. 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 permeation rates than the fabric. If fabric becomes torn, abraded or punctured, end user should discontinue use of garment to avoid compromising the barrier protection. **SINCE CONDITIONS OF USE ARE OUTSIDE OUR CONTROL, WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE 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 patent, trademark or technical information of DuPont or others covering any material or its use.

Any warranty for products offered in this catalog can be found in the Terms and Conditions for that product.

## 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.

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