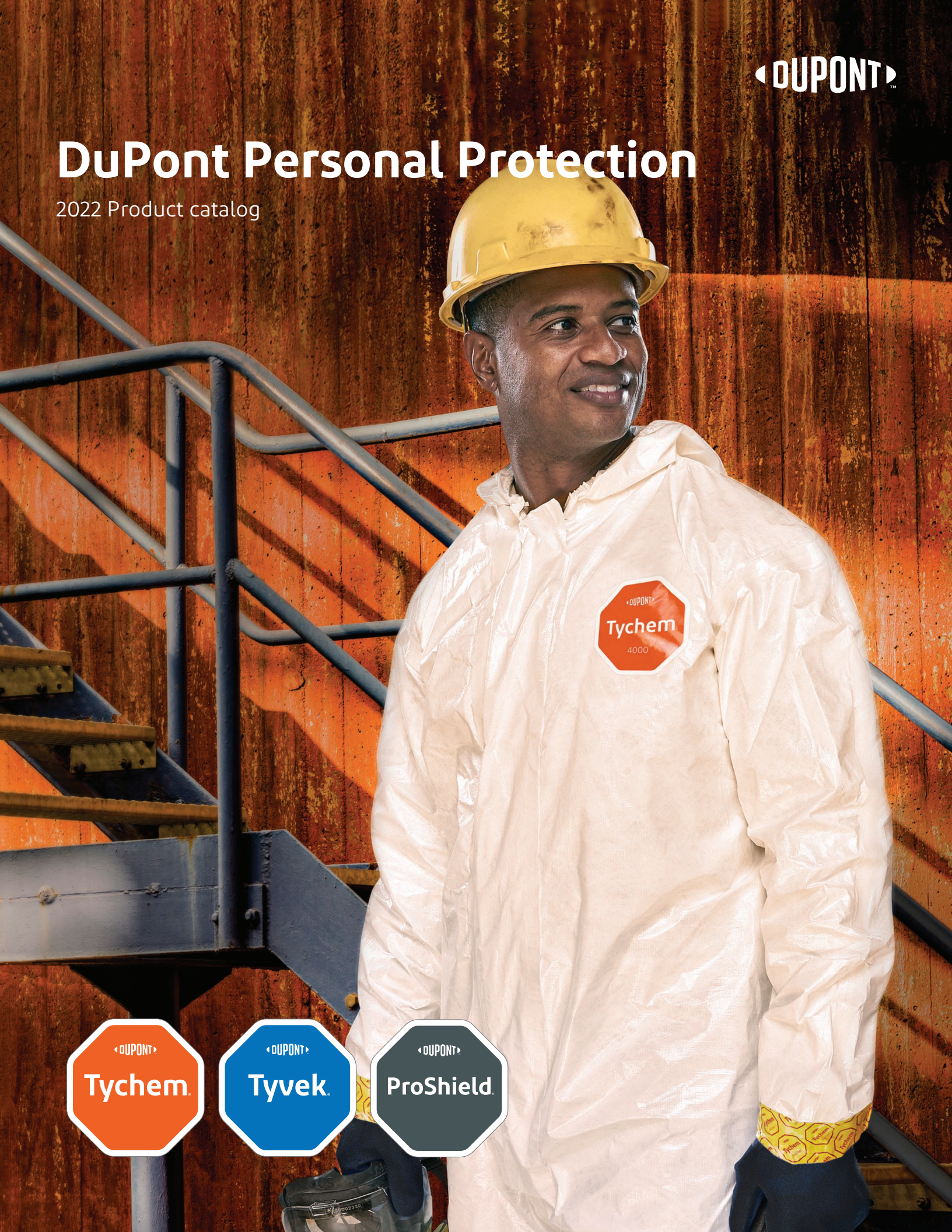
DuPont Personal Protection

2022 Product catalog



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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.

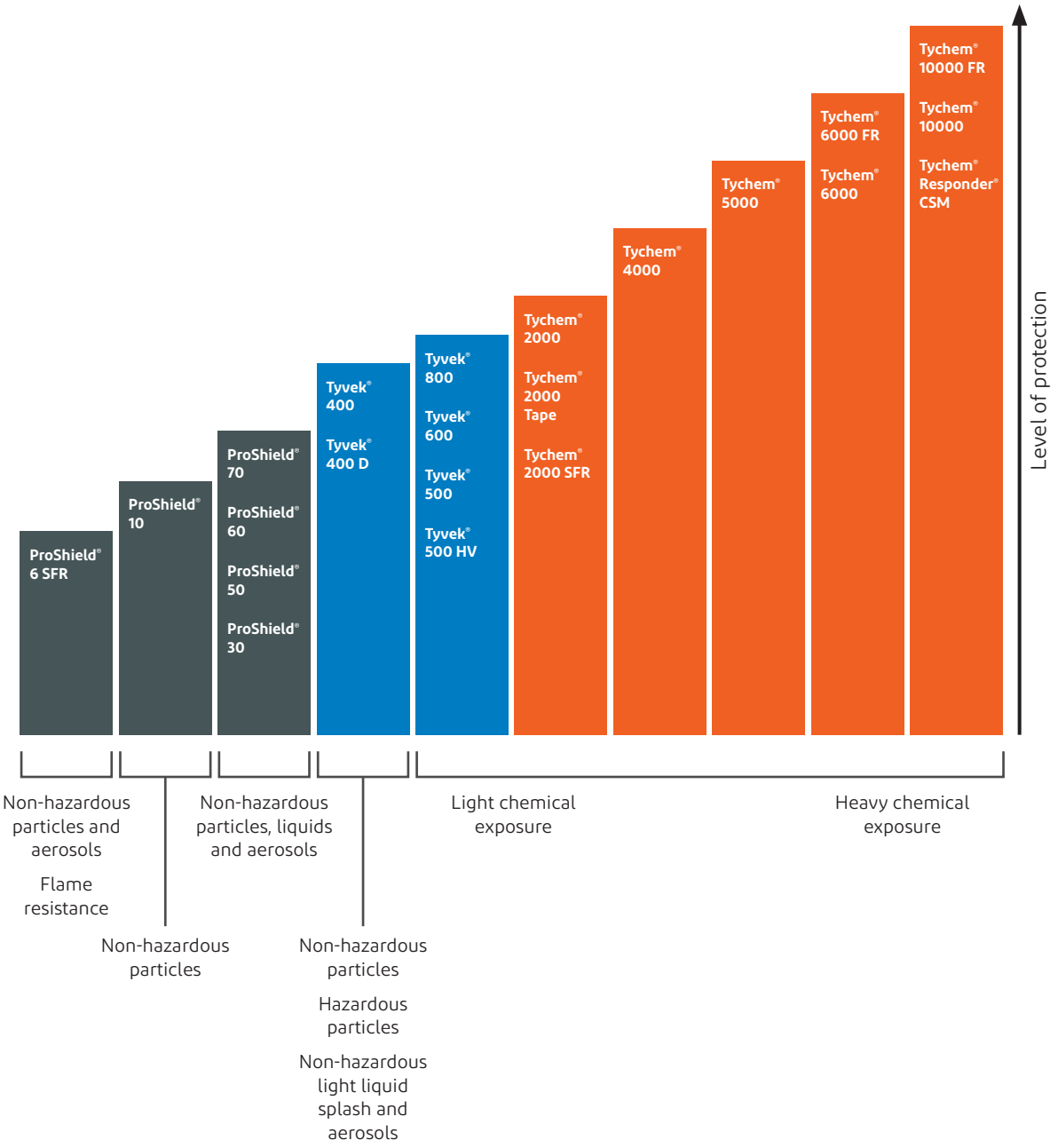
DuPont™ SafeSPEC™

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

Visit safespec.dupont.com to search by industry or hazard to help you select a garment.

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

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


ProShield® 6 SFR
ProShield® 10
ProShield® 70
ProShield® 60
ProShield® 50
ProShield® 30
Tyvek® 400
Tyvek® 400 D
Tyvek® 800
Tyvek® 600
Tyvek® 500
Tyvek® 500 HV
Tychem® 2000
Tychem® 2000 Tape
Tychem® 2000 SFR
Tychem® 4000
Tychem® 5000
Tychem® 6000 FR
Tychem® 6000
Tychem® 10000 FR
Tychem® 10000
Tychem® Responder® CSM
Level of protection
Non-hazardous particles and aerosols
Flame resistance
Non-hazardous particles
Non-hazardous particles, liquids and aerosols
Non-hazardous particles
Hazardous particles
Non-hazardous light liquid splash and aerosols
Light chemical exposure
Heavy chemical exposure

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.

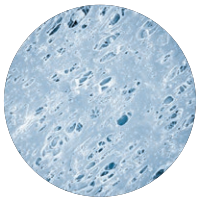
Fabric technologies typically used in protective garments

All images are magnified.

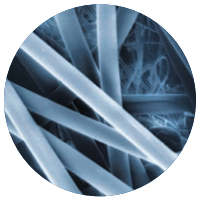
Exclusive DuPont technologies

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

Tyvek®
Tyvek® is 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.

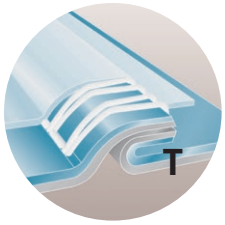
Serged or sewn*

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.

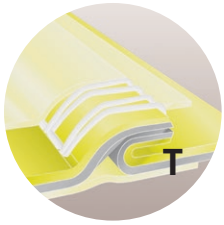
For potential misting exposure of non-hazardous liquids or particle penetration through the seam.



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

Low visibility

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

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

Garment style

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

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

Hoods

Standard

Respirator fit

Elastomeric faceseal

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

Faceshields

Standard

EX (extra-wide)

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

The EX (extra-wide) faceshield options on Tychem® 10000 Level A garments feature a 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.

TY 120 S WH LG 0025 00

Fabric

The first two characters are the fabric description.

Abbreviations

Tychem®

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

Tyvek®

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

ProShield®

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

Style

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

Each garment style has a unique three-digit code.

Seam construction

Abbreviations

S Serged or sewn
B Bound
T Taped or double taped

See page 7 for details.

Color

Several DuPont fabrics are available in color options.

Abbreviations

BK Black
BU Blue
GR Green
GY Gray
HV High-visibility orange
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*

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

See page 45 for sizing charts.

*Not all sizes are available in all styles.

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.

Product part numbers

Option code abbreviations

00 Standard offering

09 Size 9 glove

10 Size 10 glove

11 Size 11 glove

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

CM White & blue color

G1 Reduced case quantity

HL Hook-and-loop

JF CPE sleeve cuff and jam fit glove insert

LA Tyvek® 500 standard

LG 8.25" high shoe cover

NF USMCA sourced

NL No liner

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

XC X-pattern on back

YU Extra long

Option codes for DuPont Controlled Environments garments*:

BH 50/bag

CS Clean and sterile: clean-processed, individually packaged and sterilized by gamma radiation

MP Multipack

0S Sterile: individually packaged and sterilized by gamma radiation

0C Clean: clean-processed, individually packaged

00 or **0B** Bulk packaged

PI Individually packaged

TS Sterile, double-bagged

*See pages 48-50 for DuPont Controlled Environments garments.

Product packaging

Vend packed

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

New packaging

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

Permeation data

Mid level






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.	13	462	>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.	imm.	>480	>480
Chlorine (95%)	7782-50-5	G	nt	imm.	>480	40	>480	>480
Dichloromethane (95%)	75-09-2	L	nt	imm.	imm.	imm.	imm.	imm.
Diethylamine (95%)	109-89-7	L	nt	imm.	15	>480	>480	>480
N, N-Dimethylformamide (95%)	68-12-2	L	nt	imm.	90	>480	>480	>480
Ethyl acetate (95%)	141-78-6	L	nt	imm.	imm.	>480	>480	>480
Ethylene oxide (95%)	75-21-8	G	nt	imm.	imm.	>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
Chemical warfare agents**								
Lewisite (L)	541-25-3	L	nt	nt	>360[1]	120[1]	360[2]	360[2]
Mustard (HD)	505-60-2	L	nt	nt	>480[1]	120[1]	>480[2]	>480[2]
Tabun (GA)	77-81-6	L	nt	nt	nt	nt	>480[4]	>480[4]
Sarin (GB)	107-44-8	L	nt	nt	>480[3]	120[3]	>480[4]	>480[4]
Soman (GD)	99-64-0	L	nt	nt	nt	>480[3]	>480[4]	>480[4]
VX Nerve Agent	50782-69-9	L	nt	nt	>480[3]	>480[3]	>480[4]	>480[4]

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/cm²/min.

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

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

All DuPont permeation testing is performed by a third party.

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

[1] Protocol DN3-MIL-STD-282, Method T-209 (HD) or modified for Lewisite, for 8 hours at 10 g/m².

[2] Protocol DN4-MIL-STD-282, Method T-209 (HD) or modified for Lewisite, for 8 hours at 100 g/m² (total coverage).

[3] Protocol DN5-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, for 8 hours at 10 g/m².

[4] Protocol DN6-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, for 8 hours at 100 g/m² (total coverage).

Permeation data

High level



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

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Actual Breakthrough Time in minutes.

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[2] Protocol DN4-MIL-STD-282, Method T-209 (HD) or modified for Lewisite, for 8 hours at 100 g/m² (total coverage).

[3] Protocol DN5-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, for 8 hours at 10 g/m².

[4] Protocol DN6-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, for 8 hours at 100 g/m² (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 hundreds of chemicals, including warfare agents and the ASTM F1001 standard list of challenge chemicals. This tool can be accessed on our website at safespec.dupont.com. To provide a quicker overview of our products and where they are ideally suited for use, we developed the simple guides in this document. Our goal was to match the level of protection and value for a given exposure hazard.

Tyvek® and ProShield® products

Typical general industrial hazards/description/examples

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

✓ Generally preferred ● Acceptable for use

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

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

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

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

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

Tyvek® 500, Tyvek® 600 and Tyvek® 800 contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products and should also be reported to DuPont at 1-800-441-3637 (outside the U.S. 1-302-774-1139).

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

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

Product line by hazard

DuPont™ Tychem® chemical protection products

Typical chemical hazards/examples

Garment	Hazardous dry powders & solids	Bloodborne pathogens & biohazards	Light chemical splash & aerosols	Moderate liquid chemical splash	Potential flash fire exposure & liquid organic chemicals	Heavy liquid chemical splash (toxics & corrosives)	ChemBio & warfare agents	Chemical vapors & gases (toxics & corrosives)	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	70E Cat 2
Tychem® 2000	✓	✓	✓*										
Tychem® 2000 SFR	✓	✓	✓										
Tychem® 4000	✓	✓	✓*	●									
Tychem® 5000	●	✓	●	✓			●						
Tychem® 6000	●	✓	●	✓			✓				✓		
Tychem® 6000 FR	●	✓	●	✓	✓		✓				✓		✓
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.

**Tychem® 10000 FR 600T and Tychem® 10000 600T/601T have NFPA 1991 flash fire option.

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

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

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

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

Tyvek® 500, Tyvek® 600 and Tyvek® 800 contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products and should also be reported to DuPont at 1-800-441-3637 (outside the U.S. 1-302-774-1139).

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

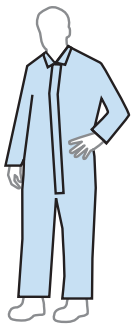
DuPont™ ProShield® 6 SFR

Original name: DuPont™ Tempro®

Coverall

TM120SBUXX002500

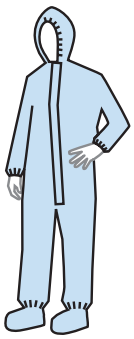
Serged seams
Collar
Zipper closure
Storm flap
MD–6X



Coverall

TM122SBUXX002500

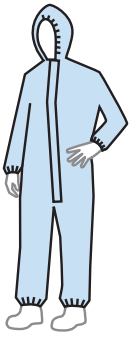
Serged seams
Attached hood
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
Attached boot covers[1]
MD–6X



Coverall

TM127SBUXX002500

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



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

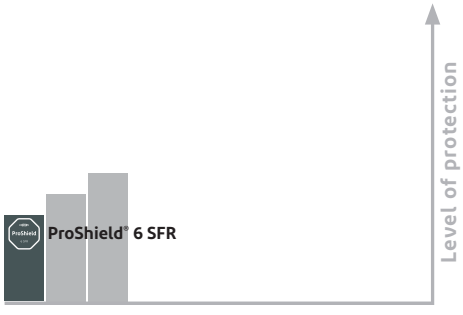
ProShield® 6 SFR garments are flame retardant treated, not inherently flame-resistant, and are intended to be worn over your primary flame-resistant garments.

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.

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

Note: Not all sizes available in all styles.



DuPont™ ProShield® 10

Original name: ProShield® Basic

Coverall

○ PB120SWHXX002500

● PB120SBUXX002500

Serged seams
Collar
Zipper closure
Storm flap
SM–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
SM–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–5X

Coverall

○ PB125SWHXX002500

● PB125SBUXX002500

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

Frock

○ PB267SWHXX003000

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

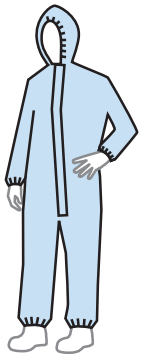
Coverall

○ PB127SWHXX002500 SM–7X

● PB127SBUXX002500 SM–7X

● PB127SGYXX002500 MD–7X

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



Frock

○ PB271SWHXX003000

● PB271SBUXX003000

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

PB127S

Comfort and quality at an affordable price

Spunbond-meltblown-spunbond (SMS) garments

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

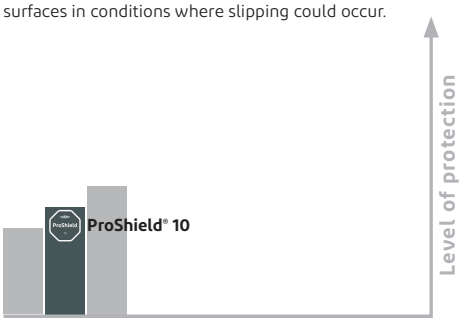
ProShield® 10 is available in blue or white, and gray in style 127

Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

Warning: ProShield® 10 should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of ProShield® 10 fabric should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.



DuPont™ ProShield® 30

Original name: DuPont™ SureStep™

Boot cover

PE444SWHXX010000

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

Shoe cover

PE440SWHXX020000

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

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

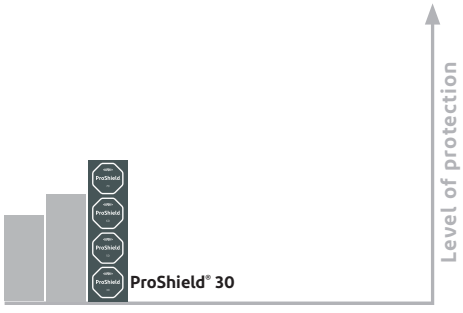
ProShield® 30 is available in blue or white

Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

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



DuPont™ ProShield® 50

Original name: new garment

Coverall

NB120SWHXX002500

Serged seams
Collar
Zipper closure
Storm flap
SM–6X

Coverall

NB122SWHXX002500

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

Coverall

NB125SWHXX002500

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

Apron

NB273BWHXX010000

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

Coverall

NB127SWHXX002500

Serged seams
Attached hood (respirator fit)[1]
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 and general industrial maintenance

Lighter weight and roomy design make for greater comfort and mobility

ProShield® 50 is white

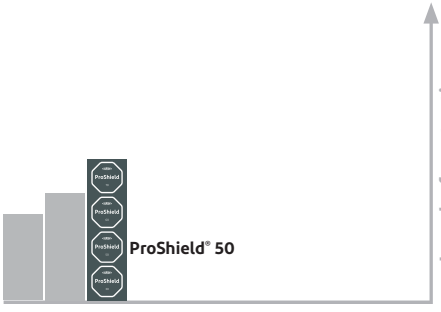
[1] **Respirator fit hoods** are designed with a longer zipper, extending to the chin for complete coverage of the neck area. **Standard hoods** only extend to the neck. See page 7 for photos.

Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

Warning: ProShield® 50 should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of ProShield® 50 fabric should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.



DuPont™ ProShield® 60

Original name: ProShield® NexGen®

Coverall

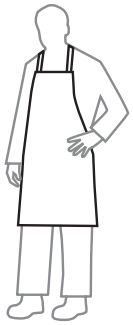
NG120SWHXX002500

Serged seams
Collar
Zipper closure
Storm flap
SM–6X

Apron

NG273BWHXX010000

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



Coverall

NG125SWHXX002500

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

Lab coat

NG212SWHXX003000

Serged seams
Collar
Snap closure
Two pockets
SM–4X

Coverall

NG127SWHXX0025NP

Serged seams
Attached hood (respirator fit)[1]
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
SM–7X

Sleeves

NG500SWHXX020000

Serged seams
Elastic openings
18" length
One size fits most

Coverall

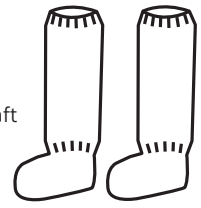
NG122SWHXX002500

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

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

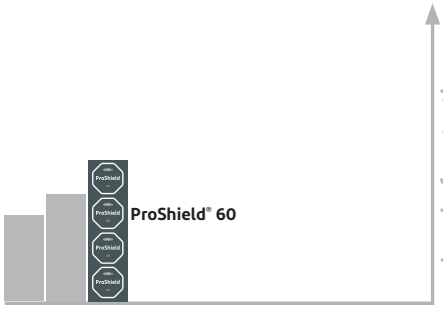
[1] **Respirator fit hoods** are designed with a longer zipper, extending to the chin for complete coverage of the neck area. **Standard hoods** only extend to the neck.
See page 7 for photos.

Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

Warning: ProShield® 60 should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of ProShield® 60 fabric should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.



DuPont™ ProShield® 70

Original name: ProShield® 3

Shoe cover

P3450SGY000200LG

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

Boot cover

P3452SGYXX010000

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

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

Provides non-hazardous liquid splash protection

ProShield® 70 is gray

LG = 8.25" high shoe cover

Seams and closures have less barrier than fabric.

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

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

DuPont™ Tyvek® 400 D

Original name: Tyvek® Dual

Coverall

TD125SWBXX0025CM

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

Front with hood

TD127S

Back

Coverall

TD127SWBXX0025CM

Serged seams
Attached hood (respirator fit)[1]
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

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

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

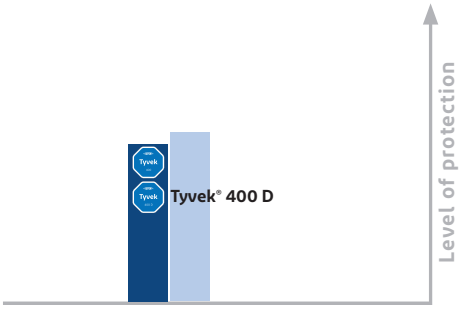
Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

Warning: Tyvek® and ProShield® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® and ProShield® fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

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



DuPont™ Tyvek® 400

Original name: Tyvek®

Coverall

- TY120SWHXX002500 MD–7X
- TY120SWHXX0006G1 MD–4X
- TY120SWHXX0025VP MD–7X
- TY120SWHXX0025NF MD–7X

USMCA/TAA COMPLIANT

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

Coverall

- TY125SWHXX002500 MD–7X
- TY125SWHXX0006G1 MD–4X
- TY125SWHXX0025VP MD–7X
- TY125SWHXX0025NF MD–7X

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

Coverall

- TY121SWHXX0025NS

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

Coverall

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

USMCA/TAA COMPLIANT

Serged seams
Attached hood (respirator fit)[1]
Zipper closure
Storm flap
Elastic waist
Elastic wrists
Elastic ankles
Attached skid-resistant boots
Comfort fit design

Coverall

- TY127SWHXX002500 MD–7X
- TY127SWHXX0006G1 MD–4X
- TY127SWHXX0025VP MD–7X
- TY127SWHXX0025NF MD–7X

USMCA/TAA COMPLIANT

Serged seams
Attached hood (respirator fit)[1]
Zipper closure
Storm flap
Elastic waist
Elastic wrists
Elastic ankles
Comfort fit design

Coverall

- TY151SWHXX002500

Serged seams
Collar
Snap closure
XL–4X

An ideal balance of protection, durability and comfort

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

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

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

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

One garment for many applications:

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

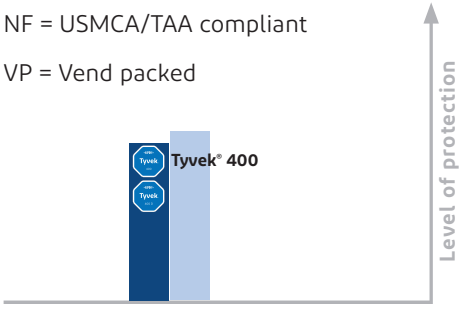
Tyvek® 400 is white

G1 = Reduced case quantity

NS = Non-skid material

NF = USMCA/TAA compliant

VP = Vend packed



Only NF option codes are USMCA/TAA compliant.

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

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

Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

Warning: Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

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

DuPont™ Tyvek® 400

Original name: Tyvek®

Frock

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

Serged seams
Collar
Snap closure

Frock

- TY211SWHXX003000

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

Frock

- TY216SWHXX003000

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

Lab coat

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

USMCA/TAA COMPLIANT

Serged seams
Collar
Snap closure
Two pockets

Shirt

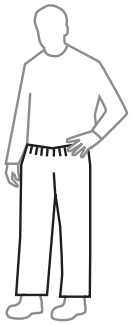
- TY303SWHXX005000 SM–7X
- TY303SWHXX0012G1 MD–4X
- TY303SWHXX0050VP MD–3X

Serged seams
Collar
Snap closure
Long sleeve

Pants

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

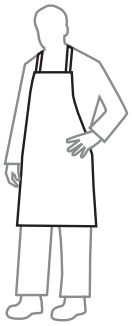
Serged seams
Elastic waist



Apron

- TY273BWHXX010000
- TY273BWHXX0100VP

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



Sleeves

- TY500SWHXX020000
- TY500SWHXX0200NF

USMCA/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

Only NF option codes are USMCA/TAA compliant.

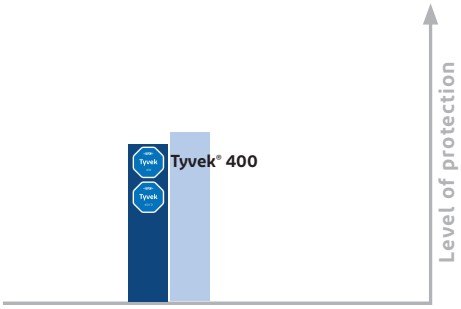
Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

Warning: Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

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



DuPont™ Tyvek® 400 and Tyvek® 400 FC

Original name: Tyvek®

Shoe cover

TY450SWHXX020000

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

Shoe cover

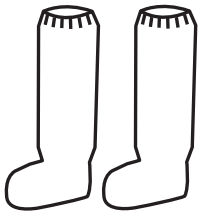
TY450SWHXX0200LG

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

Boot cover

TY454SWHXX010000

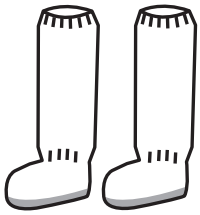
Tyvek® fabric
Serged seams
Elastic openings
18" height
100/cs (50 pairs)
One size fits most



Boot cover

TY454SWHXX0100SR

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



Shoe cover—Tyvek® 400 FC

FC450SGYXX020000

FC450SGYXX0200NF

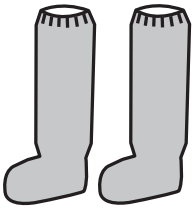
USMCA/TAA COMPLIANT

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 = USMCA/TAA compliant

SR = Skid resistant

Only NF option codes are USMCA/TAA compliant.

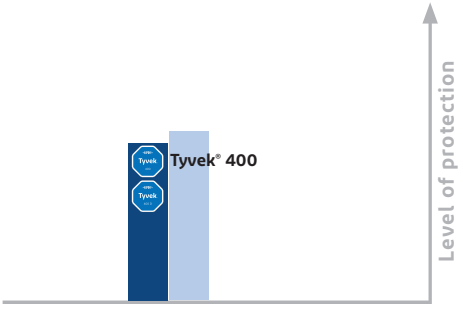
Seams and closures have less barrier than fabric.

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

Tyvek® 400 with Friction Coating (FC) has been specially treated to promote ink/coating adhesion. This treatment lowers the typical bulk liquid holdout values for Tyvek® fabric. Products with this treatment offer limited bulk liquid holdout. If barrier protection from liquid splash is required, please consider a non-treated Tyvek® style or other substrate.

Warning: Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

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



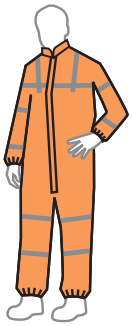
DuPont™ Tyvek® 500 HV

Original name: new garment

Coverall

TY125SHVXX0025XC

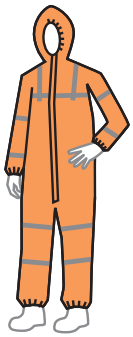
Serged seams
Mandarin collar
Zipper closure
Storm flap
Elastic waist
Elastic wrists
Elastic ankles
25/cs
SM–6X



Coverall

TY127SHVXX0025XC

Serged seams
Attached hood (respirator fit)[1]
Zipper closure
Storm flap
Elastic waist
Elastic wrists
Elastic ankles
Comfort fit design
SM–6X



Durability and breathability of Tyvek®

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

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

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

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

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

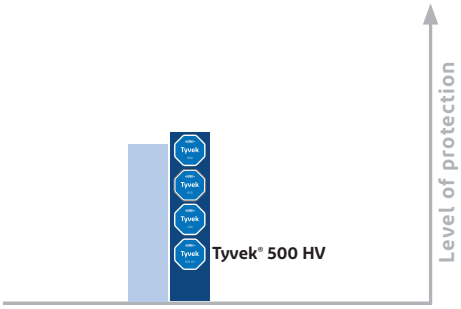
Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

Warning: Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

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



DuPont™ Tyvek® 500 and Tyvek® 600

Original names: Tyvek® Xpert and Tyvek® Plus

TY198S

TY198T

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

Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

Warning: Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

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

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

Coverall—Tyvek® 500

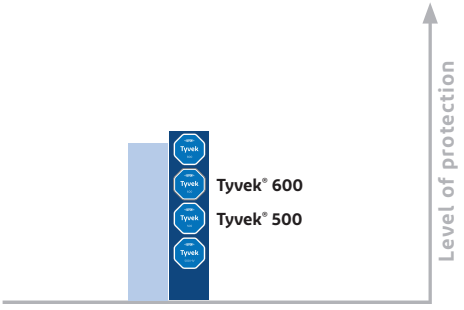
TY198SWHXX0025LA

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

Coverall—Tyvek® 600

TY198TWHXX0025PI

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



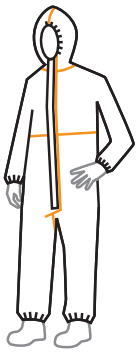
DuPont™ Tyvek® 800

Original name: new garment

Coverall

TJ198TWHXX0025PI

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



TJ198T

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

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

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

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

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

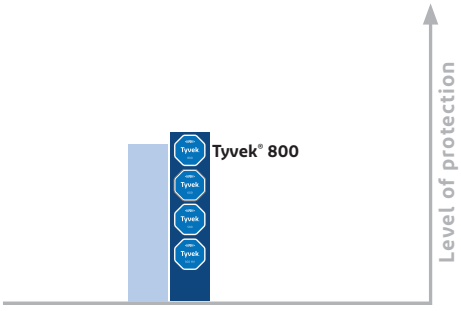
Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

Warning: Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

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



DuPont™ Tychem® 2000 SFR

Original name: new garment

Coverall

QS127TGRXX000400

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

Coverall

QS128TGRXX000400

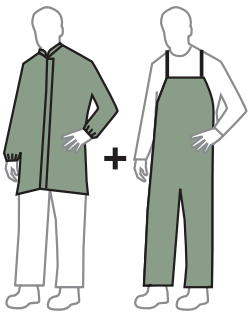
Taped seams
Attached hood (respirator fit)[1]
Zipper closure
Storm flap with tape closure
Elastic wrists
Attached socks[2]
Outer boot flaps with elastic
SM–5X

Combo suit (jacket and bib overall)

QS750TGRXX000400

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

Bib overall
Taped seams
Adjustable webbing straps with closure
SM–4X



QS127

Apron

QS275TGRXX001200

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

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

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

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

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

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

newtychem.dupont.com

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.

[1] **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.

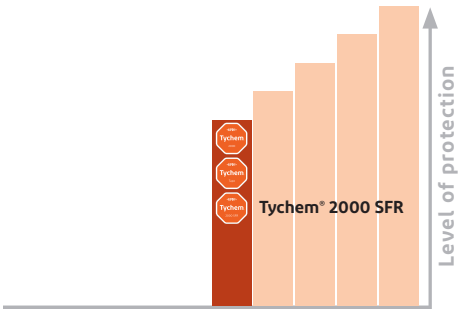
[2] These Tychem® 2000 SFR garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

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



DuPont™ Tychem® 2000

Original name: Tychem® QC

Coverall

QC120SYLXX001200

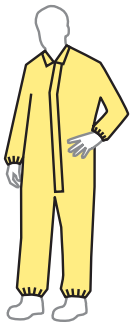
Serged seams
Collar
Zipper closure
Storm flap
MD–7X

Coverall

QC125BYLXX001200
Bound seams, MD–6X

QC125TYLXX000400
Taped seams, MD–5X

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



Coverall

QC120BYLXX001200

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

Coverall

QC125SYLXX001200

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

Coverall

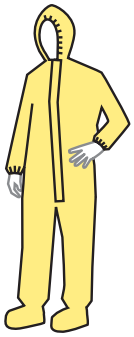
QC122BYLXX001200
Bound seams

QC122BYLXX0012BN
Bound seams

★ BERRY AMENDMENT COMPLIANT

QC122TYLXX000400
Taped seams

Attached hood
Zipper closure
Storm flap with tape closure
Elastic wrists
Attached socks[1]
MD–6X

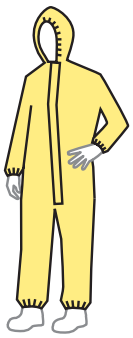


Coverall

QC127BYLXX001200
Bound seams

QC127TYLXX000400
Taped seams

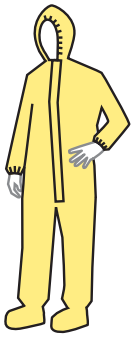
Attached hood
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
MD–6X



Coverall

QC122SYLXX001200

Serged seams
Attached hood
Zipper closure
Storm flap
Elastic wrists
Attached socks[1]
MD–8X

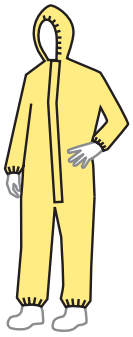


Coverall

QC127SYLXX001200
MD–7X

QC127SYLXX0012NF
MD–4X

Serged seams
Attached hood
Zipper closure
Storm flap
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

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

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.

[1]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.

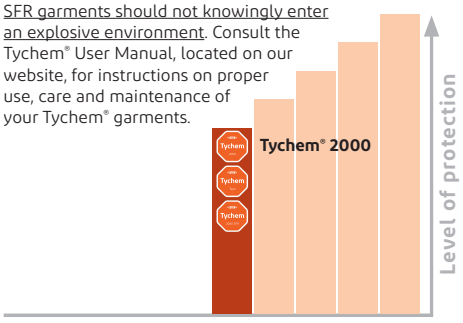
Seams and closures have less barrier than fabric.

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, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



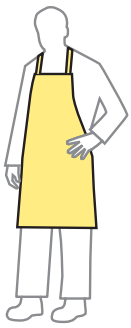
DuPont™ Tychem® 2000

Original name: Tychem® QC

Apron

QC273BYLXX010000

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



Apron

QC278BYLXX001200

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

Apron

QC275BYLXX002500

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

Sleeve

QC500BYLXX020000

Bound seams
Elastic openings
18" length
One size fits most

Apron

QC275BYLXX0025HL
Bound seams, SM–6X

QC275TYLXX0025HL
Taped seams, SM–5X

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

Tape

QC0990YL000012NL

Flexible seal
60 yds/roll
~2" width
12/cs

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.

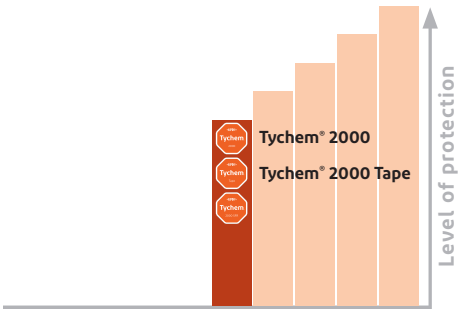
Seams and closures have less barrier than fabric.

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, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® 4000

Original name: Tychem® SL

Coverall

SL120BWHXX001200

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

Coverall

SL125BWHXX001200
Bound seams, MD–6X

SL125TWHXX000600
Taped seams, MD–5X

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

Coverall

SL121BWHXX001200
Bound seams, MD–6X

SL121TWHXX000400
Taped seams, MD–5X

Collar
Zipper closure
Storm flap with tape closure
Elastic wrists
Attached socks[1]

Coverall

SL122BWHXX0012BN
Bound seams, MD-4X

★ BERRY AMENDMENT COMPLIANT

SL122TWHXX0006BN
Taped seams, MD-5X

★ BERRY AMENDMENT COMPLIANT

Attached hood
Zipper closure
Storm flap with tape closure
Elastic wrists
Attached socks[1]

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.

Coverall

SL122BWHXX001200
Bound seams, MD–7X

SL122TWHXX000600
Taped seams, MD–6X

Attached hood
Zipper closure
Storm flap with tape closure
Elastic wrists
Attached socks[1]

Coverall

SL127BWHXX001200
Bound seams

SL127TWHXX000600
Taped seams

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

Coverall

SL127TWHXX0006RF

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

[1] These 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.

[2] **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: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Effective protection against a range of chemicals

Uses include waste management, hazardous response and nuclear environments

Tychem® 4000 is chemical barrier film laminated to Tyvek® fabric

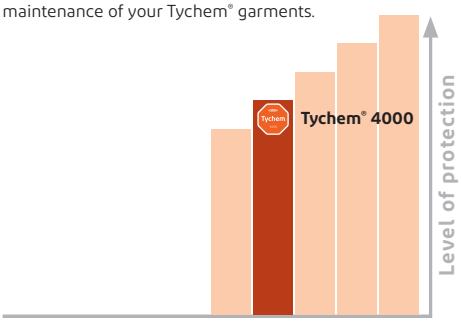
Rugged and durable

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



DuPont™ Tychem® 4000

Original name: Tychem® SL

Coverall

SL128TWHXX000600

Taped seams
Attached hood (respirator fit)[2]
Zipper closure
Storm flap with tape closure
Elastic wrists
Attached socks[1]
Outer boot flaps with elastic
SM–5X

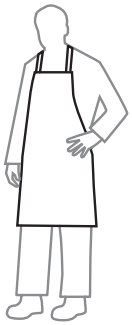
SL120B

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–6X

Apron

SL275TWHXX0025HL

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

Apron

SL278BWHXX001200

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

Apron

SL278BWHXX0012HL

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

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

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

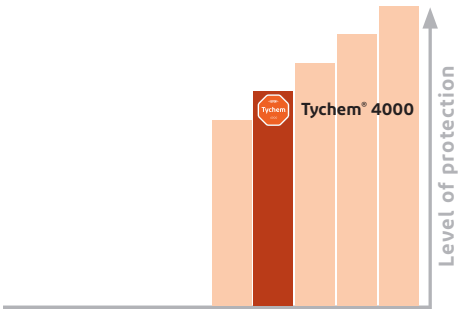
Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

Coverall

C3122TTNXX000600
SM–7X

C3122TTNXX0006BN
SM–5X

BERRY AMENDMENT COMPLIANT

Taped seams
Attached hood
Zipper closure
Storm flap with tape closure
Elastic wrists
Attached socks[1]

Coverall

C3125TTNXX000600

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

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

Coverall

C3127TTNXX000600

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

Coverall

C3128TTNXX000600

C3128TTNXX0006BN

BERRY AMENDMENT COMPLIANT

Taped seams
Attached hood (respirator fit)[2]
Zipper closure
Storm flap with tape closure
Elastic wrists
Attached socks[1]
Outer boot flaps with elastic
SM–5X

Apron

C3275TTNXX000600

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

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

[1]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.

[2]**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.

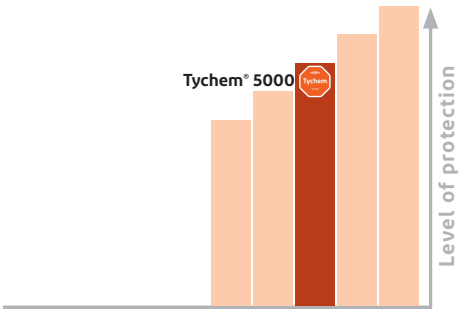
Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

Coverall

C3184TTNXX000600

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

Coverall

C3185TTNXX000600

Taped seams
Attached hood (respirator fit)[2]
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[1]
Outer boot flaps
SM–4X

C3184T

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

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

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

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

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

[1]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.

[2]**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.

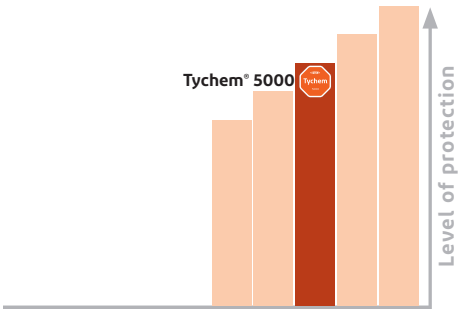
Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/ balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

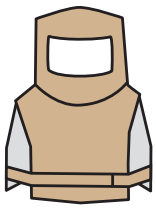


DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

Hood

C3651TTNXX000600



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

Bib overall

C3360TTNXX000600

Taped seams
Adjustable webbing straps with closure
SM–4X

Jacket

C3670TTNXX000600
SM–4X

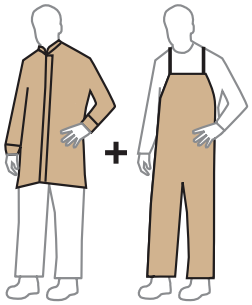
C3670TTNXX0006JF
MD–4X

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

Combo suit (jacket and bib overall)

C3750TTNXX000600

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



Bib overall
Taped seams
Adjustable webbing straps with closure
MD–4X

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.

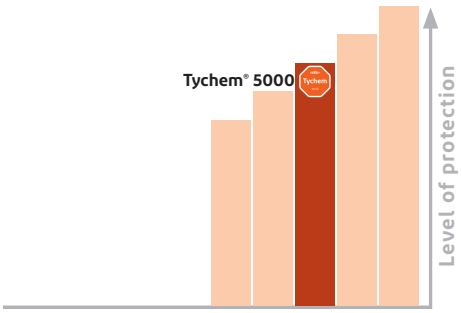
Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

Encapsulated Level B

C3525TTNXX000600

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

Encapsulated Level B

C3526TTNXX000600

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

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

Encapsulated Level B

C3528TTNXX000600

Rear entry
Taped seams
Standard faceshield (20 mil PVC)
Zipper closure
Double storm flaps with hook-and-loop closure
Two exhaust vents
Expanded back
Elastic wrists
Attached socks[1]
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.

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

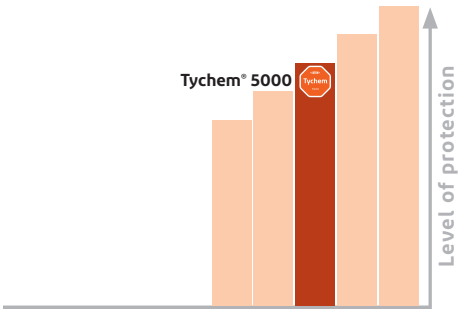
Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® 6000

Original name: Tychem® F

Coverall

TF145TGYXX000600
SM–7X

TF145TGYXX0006TV
SM–5X

★ TAA COMPLIANT

Taped seams
Attached hood (respirator fit)[1]
Zipper closure
Storm flap with tape closure
Elastic wrists
Elastic ankles

Coverall

TF169TGYXX000600

TF169TGYXX0006TV

★ TAA COMPLIANT

Taped seams
Attached hood (respirator fit)[1]
Zipper closure
Storm flap with tape closure
Elastic wrists
Attached socks[2]
SM–5X

Coverall—certified to NFPA 1992

TF199TGYXX0006WG

Taped seams
Attached hood (respirator fit)[1]
Zipper closure
Storm flap with tape closure
Attached butyl gloves
Attached socks[2]
Outer boot flaps
SM–5X

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

Strong and durable with a broad chemical barrier

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

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 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*

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.

[1] **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.

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

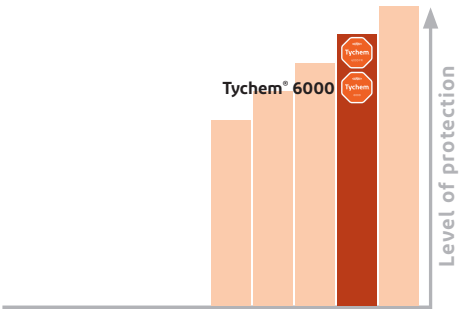
Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® 6000

Original name: Tychem® F

Coverall—certified to NFPA 1992

- TF611TGYXX0001NF SM–5X
- TF611TGYXX000109 SM
- TF611TGYXX000110 MD–LG
- TF611TGYXX000111 XL–5X

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

TF611T

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.

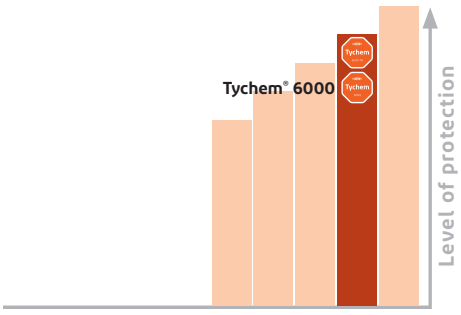
[1]These Tychem® 6000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

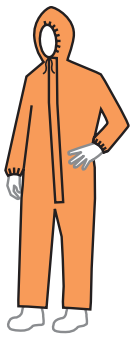
Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® 6000 FR

Original name: Tychem® ThermoPro

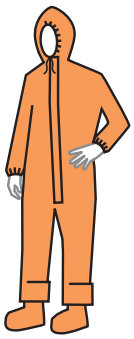
Coverall—certified to NFPA 1992 and meets NFPA 70E® Category 2



- TP198TORXX000200
- TP198TORXX0002BN
  - ★ BERRY AMENDMENT COMPLIANT

Taped seams
Attached hood with drawstring (respirator fit)[1]
Zipper closure
Double storm flaps with hook-and-loop closure
Elastic wrists
Hemmed ankles
SM–5X

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



- TP199TORXX000200
- TP199TORXX0002BN
  - ★ BERRY AMENDMENT COMPLIANT

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

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 are certified to NFPA 1992 *Standard on Liquid-Splash Protective Ensembles and Clothing for Hazardous Materials Emergencies*

Tychem® 6000 FR 198T/199T exceed the Hazard Risk Category 2 requirement of 8 cal/cm² 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/cm² Ebt

Tychem® 6000 FR is orange for high visibility

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.

[1] **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.

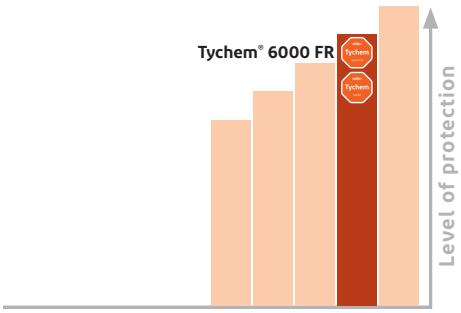
[2] These Tychem® 6000 FR garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® 6000 FR

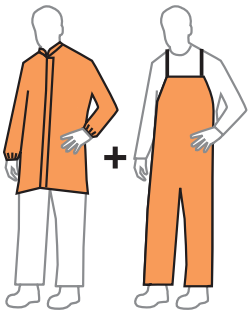
Original name: Tychem® ThermoPro

Combo suit (jacket and bib overall)

TP750TORXX000200

Jacket

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



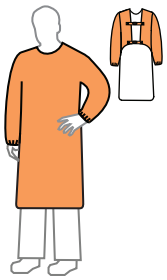
Bib overall

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

Sleeved apron

TP275TORXX000200

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



TP750T

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

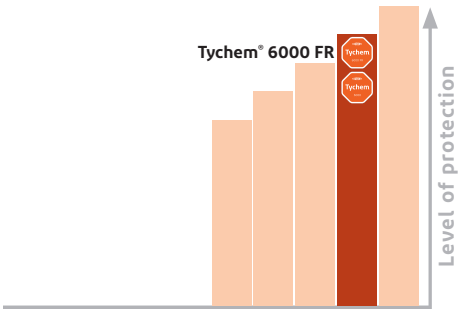
Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® Responder® CSM

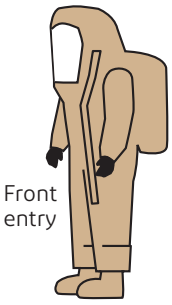
Original name: Tychem® RESPONDER® CSM

Encapsulated Level A

- RC550TTNXX000100 XS–5X
- RC550TTNXX00017C SM–5X
- RC550TTNXX00017S MD–4X
- RC550TTNXX00017W XS–6X

USMCA/TAA COMPLIANT

Front entry
Double taped seams
Three-layer 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 socks[1]
Outer boot flaps



Coverall

- RC128TTNXX000100

USMCA/TAA COMPLIANT

Double taped seams
Attached hood (respirator fit)[2]
Zipper closure
Double storm flap with hook-and-loop closure
Attached butyl gloves (mil. spec. glove) with attached conical cuff for jam fit
Attached socks[1]
Outer boot flaps
SM–4X

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 USMCA/TAA compliant

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

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

[1]These 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.

[2]**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.

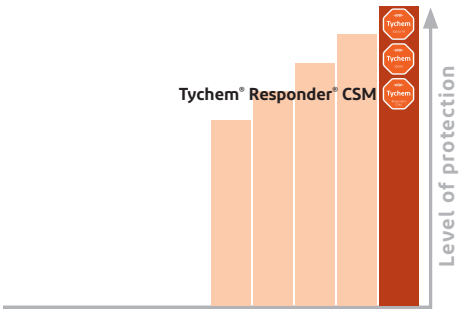
Storm flaps: All taped seam coveralls have a double storm flap with a hook-and-loop closure.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/ balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® 10000

Original name: Tychem® TK

Coverall

TK128TLYXX000200

USMCA/TAA COMPLIANT

Taped seams
Attached hood (respirator fit)[1]
Zipper closure
Double storm flaps with tape closure
Elastic wrists
Attached socks[2]
Outer boot flaps with elastic
SM–6X

TK128T

Encapsulated Level A

TK554TLYXX000100 MD–4X
TK554TLYXX00015C MD–4X
TK554TLYXX00017S MD–4X

USMCA/TAA COMPLIANT

Front entry

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 socks[2]
Outer boot flaps with elastic

Encapsulated Level A

TK555TLYXX000100 MD–4X
TK555TLYXX00015C MD–4X
TK555TLYXX00017S MD–4X

USMCA/TAA COMPLIANT

Rear entry

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 socks[2]
Outer boot flaps with elastic

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*

NFPA®

Tychem® 10000 is lime yellow for high visibility

All Tychem® 10000 encapsulated suits are USMCA/TAA compliant

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

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

[1] **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.

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

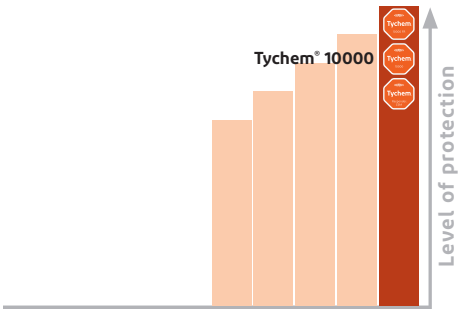
Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® 10000

Original name: Tychem® TK

Encapsulated Level A

TK552TLYXX00017R

- USMCA/TAA COMPLIANT
- BERRY AMENDMENT COMPLIANT

Front entry
Double taped seams
Standard three-layer 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 socks[1]
Outer boot flaps with elastic
LG–2X

Encapsulated Level B

TK527TLYXX0001BN

- USMCA/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 socks[1]
Outer boot flaps with elastic
SM–4X

Encapsulated Level A—certified to NFPA 1994 Class 2

TK612TLYXX000100
Front entry, XS-5X

TK612TLYXX00017N
Front entry, MD-4X

TK612TLYXX00017S
Front entry, MD-4X

TK612TLYXX00017W
Front entry, MD-4X

TK613TLYXX000100
Rear entry, MD–4X

- USMCA/TAA COMPLIANT

Double taped seams
EX (extra–wide) three-layer 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 socks[1]
Outer boot flaps with elastic

TK612T
Front entry

TK613T
Rear entry

TK554T

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.

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

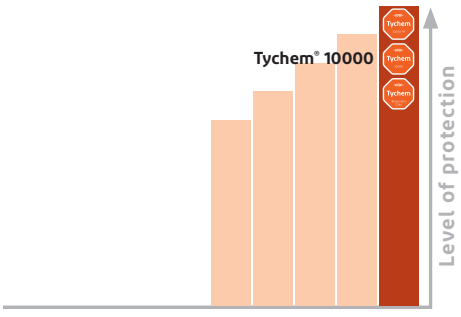
Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



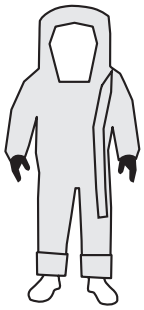
DuPont™ Tychem® 10000 FR

Original name: Tychem® Reflector®

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

- RF600TSVXX000100 SM–4X
- RF600TSVXX00017M MD–4X
- RF600TSVXX00017S LG–4X
- RF600TSVXX00017N LG–4X

USMCA/TAA COMPLIANT



Front entry

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 socks[1]
Outer boot flaps

RF600T

"Single skin" garment offers broad chemical holdout

Ideally suited for industrial and Hazmat situations

Chemical and flash-fire escape protection in one gas-tight 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 USMCA/TAA compliant

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

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

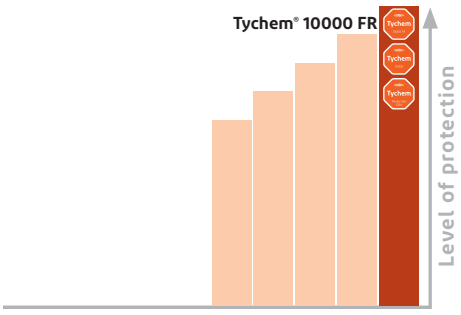
Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

[1]These 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: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.



DuPont™ Tychem® accessories

Tychem® 10000 fully encapsulated training suit

TK586SLYXX000100
Front entry, MD–4X
TK586TLYXX000100
Front entry, MD–6X
TK587SLYXX000100
Rear entry, MD–4X

USMCA/TAA COMPLIANT

EX (extra-wide) faceshield (20 mil PVC)
Zipper closure
Storm flap over zipper
Internal waist belt
Expanded back
Attached butyl gloves
Attached socks[1]
Outer boot flaps
Clearly labeled as a training suit

Pirelli® air relief exhaust valve

9993700000000100

Replacement valves for Level A suits

Pirelli® exhaust diaphragm

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

Replacement valves for Level A suits

Pirelli® adapters for test kits

9993900000000100

Adapters to test DuPont™ Tychem® Level A suits

Auer® adapters for test kits

9911600000000100

Adapters to test DuPont™ Tychem® Level A suits

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.

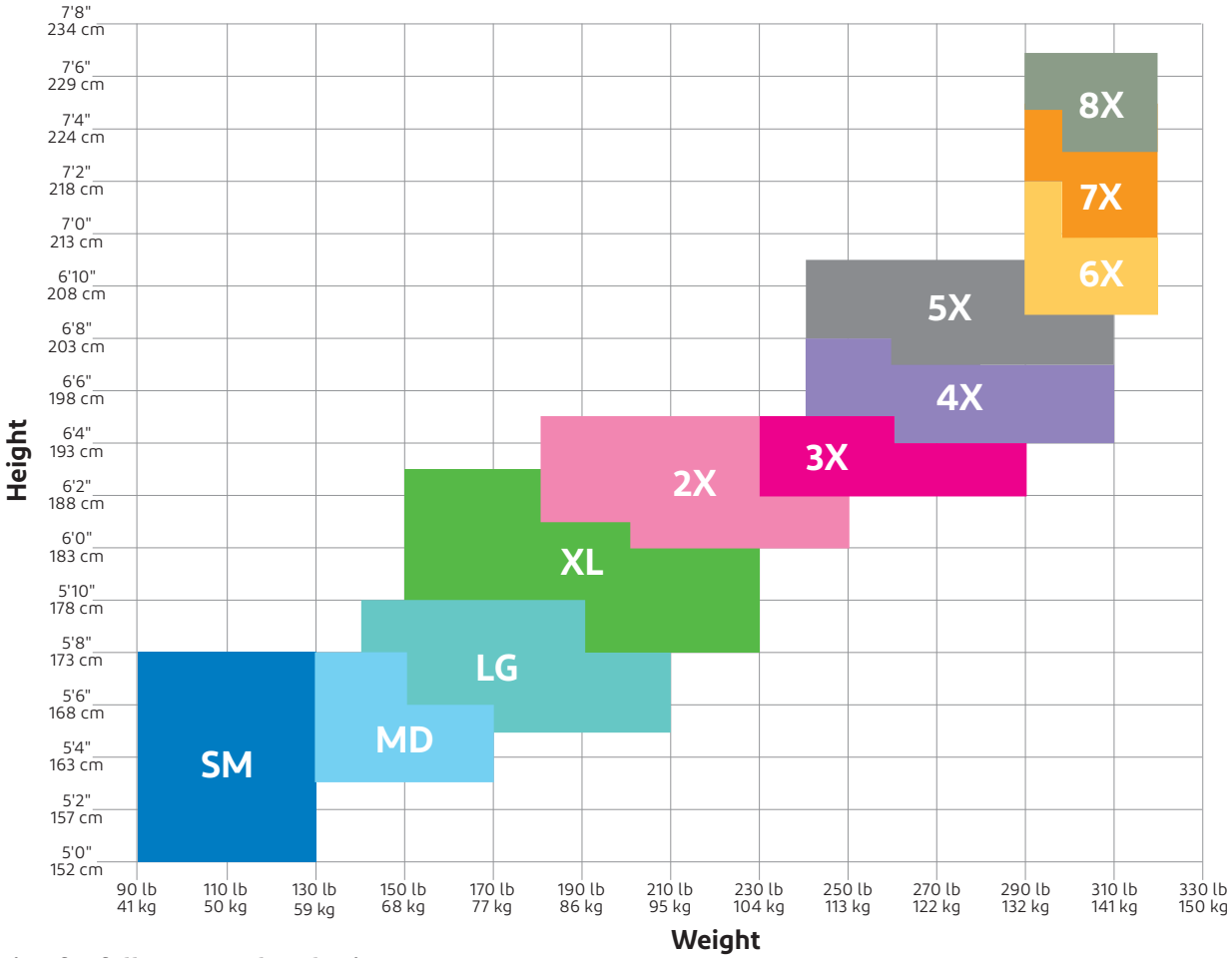
[1] These Tychem® garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

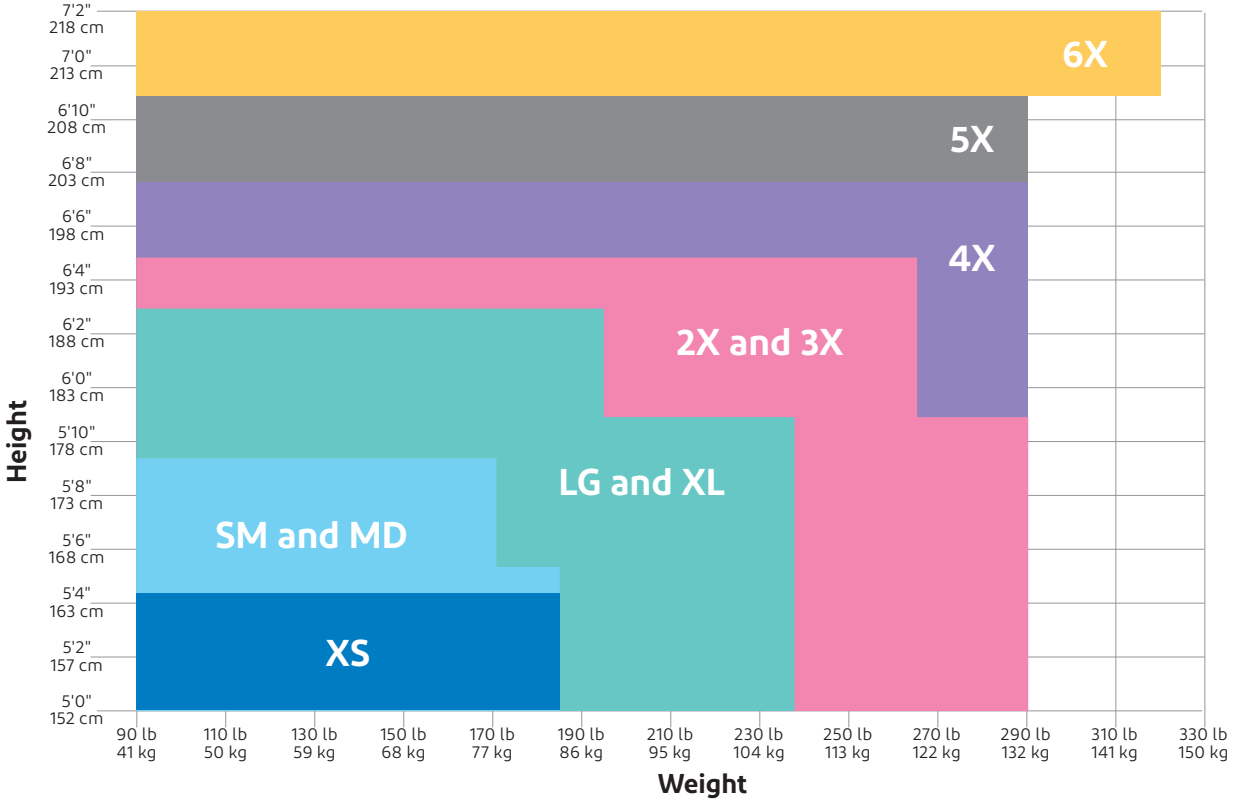
Sizing charts

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 Controlled Environments

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

DuPont quality systems for cleanroom garments

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

- The DuPont Controlled Environments quality management system is ISO 9001:2015 registered
- DuPont™ Tyvek® IsoClean® sterile garments have a sterility assurance level (SAL) of 10^{-6}. 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.

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.

Options

CS Clean and sterile: clean-processed, individually packaged and sterilized by gamma irradiation

TS Sterile: double-bagged and sterilized by gamma irradiation

0S Sterile: individually packaged and sterilized by gamma irradiation

0C Clean: clean-processed, individually packaged

00 or **0B** Bulk packaged

PI Individually packaged

BH 50/bag

MP Multipack

Controlled environments apparel selection guide

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

	Tyvek® IsoClean®				Tyvek® Micro-Clean® 2-1-2		ProClean®*	Considerations
	Clean-processed sterile	Sterile	Clean-processed non-sterile	Bulk non-sterile	Sterile	Non-sterile**	Non-sterile	
Environments								
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.
Hazards								
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 DuPont™ Tychem® product line for liquid and vapor chemical protection.
Electric arc, industrial fire hazard, welding	**Do Not Use**							Please refer to DuPont™ 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.

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

○ IC108SWHXX0025TS

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

Coverall

○ IC105SWHXX002500 MD–3X
○ IC105SWHXX00250C MD–3X
○ IC105SWHXX0025CS MD–4X

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

Coverall

○ IC254BWHXX0025CS

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

Coverall

○ IC181SWHXX002500 SM–8X
○ IC181SWHXX00250C SM–4X

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

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

Coverall

○ IC182BWHXX002500
○ IC182BWHXX00250C
○ IC182BWHXX0025CS

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

Lab coat

○ IC265SWHXX00300B

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

Lab coat

○ IC224SWHXX00300B

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

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^{-6}

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.

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

DuPont Controlled Environments

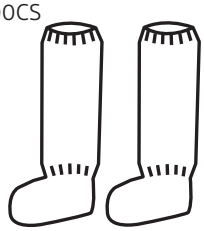
NOTE Please substitute your size for XX when ordering.
See page 8 for full part number description.

Frock

- IC270BWHXX003000
- IC270BWHXX00300C
- IC270BWHXX0030CS

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

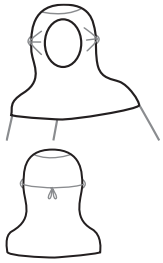
Boot cover



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

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

Hood



- IC668BWH0001000B
- IC668BWH0001000C
- IC668BWH000100CS

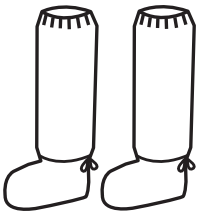
Bound seams
Full face opening
Bound hood opening
Ties with loops for fit
100/cs
Universal sizing (00)

Frock

- IC264SWHXX00300B
- IC264SWHXX00300C
- IC264SWHXX0030CS

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

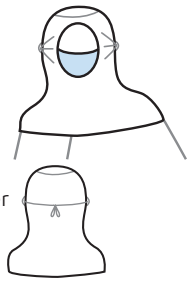
Boot cover



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

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

Hood/mask



- IC669BWH0001000S

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
Universal sizing (00)

Frock

- IC263SWHXX00300B

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

Shoe cover

- IC461SWHXX03000B

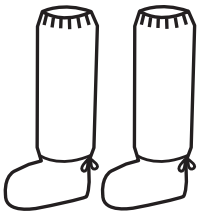
Serged seams
Elastic openings
PVC sole
Elastic toe
5" high
300/cs (150 pairs)
SM–XL

Sleeves

- IC501BWH0001000B
- IC501BWH0001000C
- IC501BWH0001000S
- IC501BWH000100CS

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

Boot cover



- IC457SWHXX01000B
- IC457SWHXX01000S

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

Shoe cover

- IC451SWHXX01000B

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

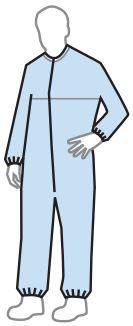
Note: All sizes not available in all styles. For one size fits most use 00 in the part number.

Seams and closures have less barrier than fabric.

DuPont Controlled Environments

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

Coverall—Tyvek® Micro-Clean® 2-1-2



- CC252BBUXX00250S SM–5X
- CC252BBUXX0025PI SM–4X

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

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^{-6}

Traceability on all sterilized apparel

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

Boot cover—ProShield® 30

- PE444SWHXX010000

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

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.

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.

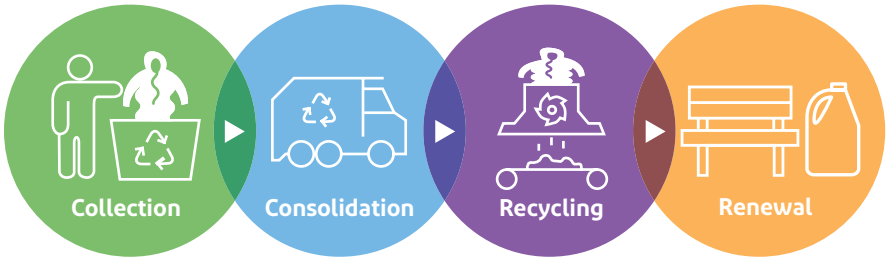
Why recycle?

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

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

Because everyone has someone depending on them to get home safely

DuPont is more focused than ever on providing innovative protection solutions and expert technical support tailored to meet the specific needs of workers in chemical manufacturing industries around the world.

Because their safety is our business, workers in the chemical manufacturing industries can rely on the world-class people, products and innovation that have made DuPont a trusted partner in personal protection.

With a wide range of industry-leading personal protective equipment (PPE) solutions and a global network of PPE specialists, technical experts and manufacturing, DuPont is uniquely suited to provide the protection and comfort every worker deserves to face a range of workplace hazards with confidence.

Our brands

Nomex®

DuPont™ Nomex® offers a tested and proven portfolio of protective solutions that continues to meet or exceed global standards for heat, flame and electric arc flash protection.*

Kevlar®

Gloves made with DuPont™ Kevlar® offer industry-leading cut protection, built-in heat and flame resistance and electric arc flash protection, while providing the dexterity and comfort workers want.

Tyvek®

DuPont™ Tyvek® garments provide workers with superior protection from small-sized hazardous particles, including lead, asbestos and mold. And because protection is built into the fabric itself, there are no films or laminates to abrade or wear away.

Tychem®

DuPont™ Tychem® garments deliver durable protection and offer strong permeation barrier against a wide range of chemicals.

*For high arc-rated solutions, visit dpp.dupont.com for available Nomex® layering systems.

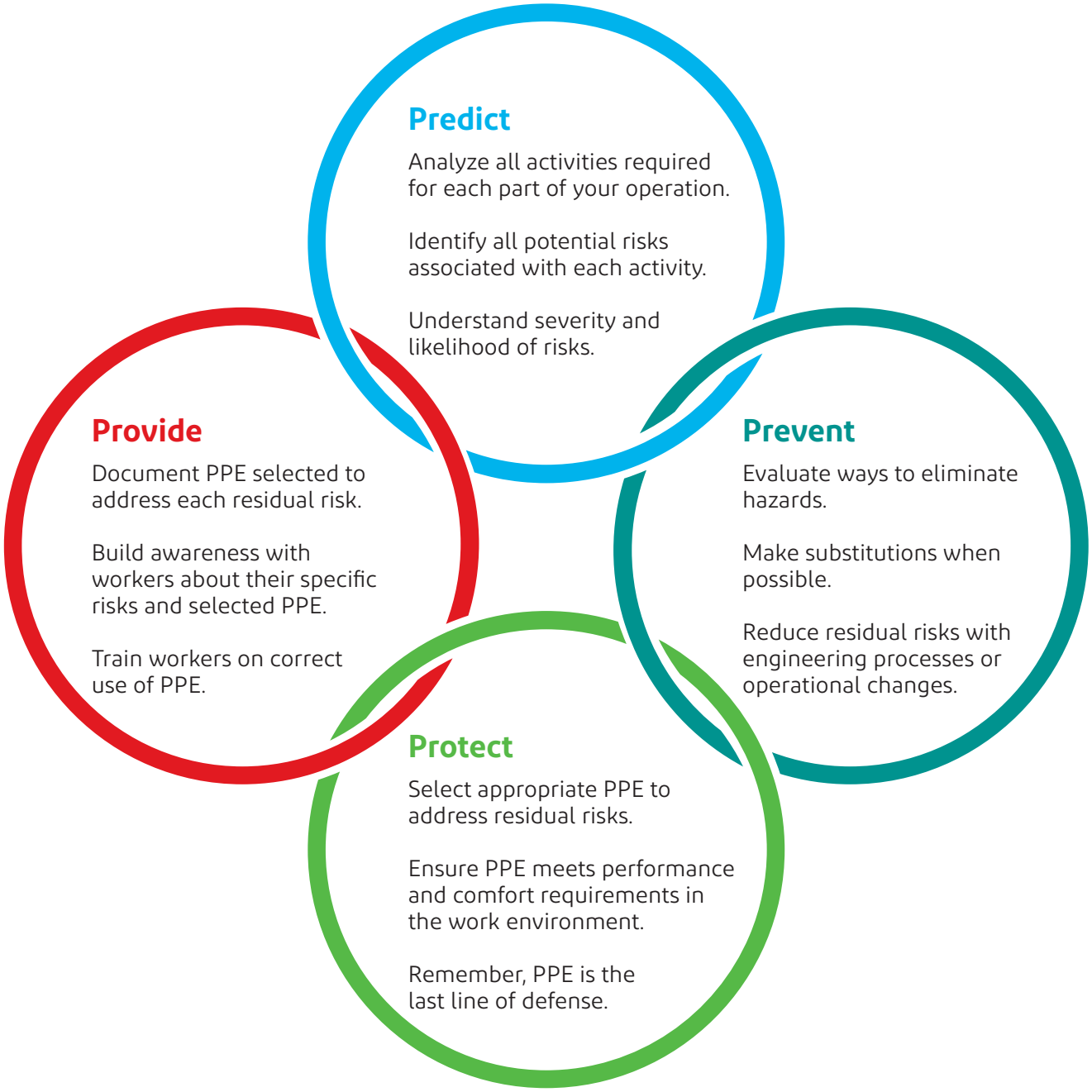
Are your workers really protected?

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

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

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

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



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

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

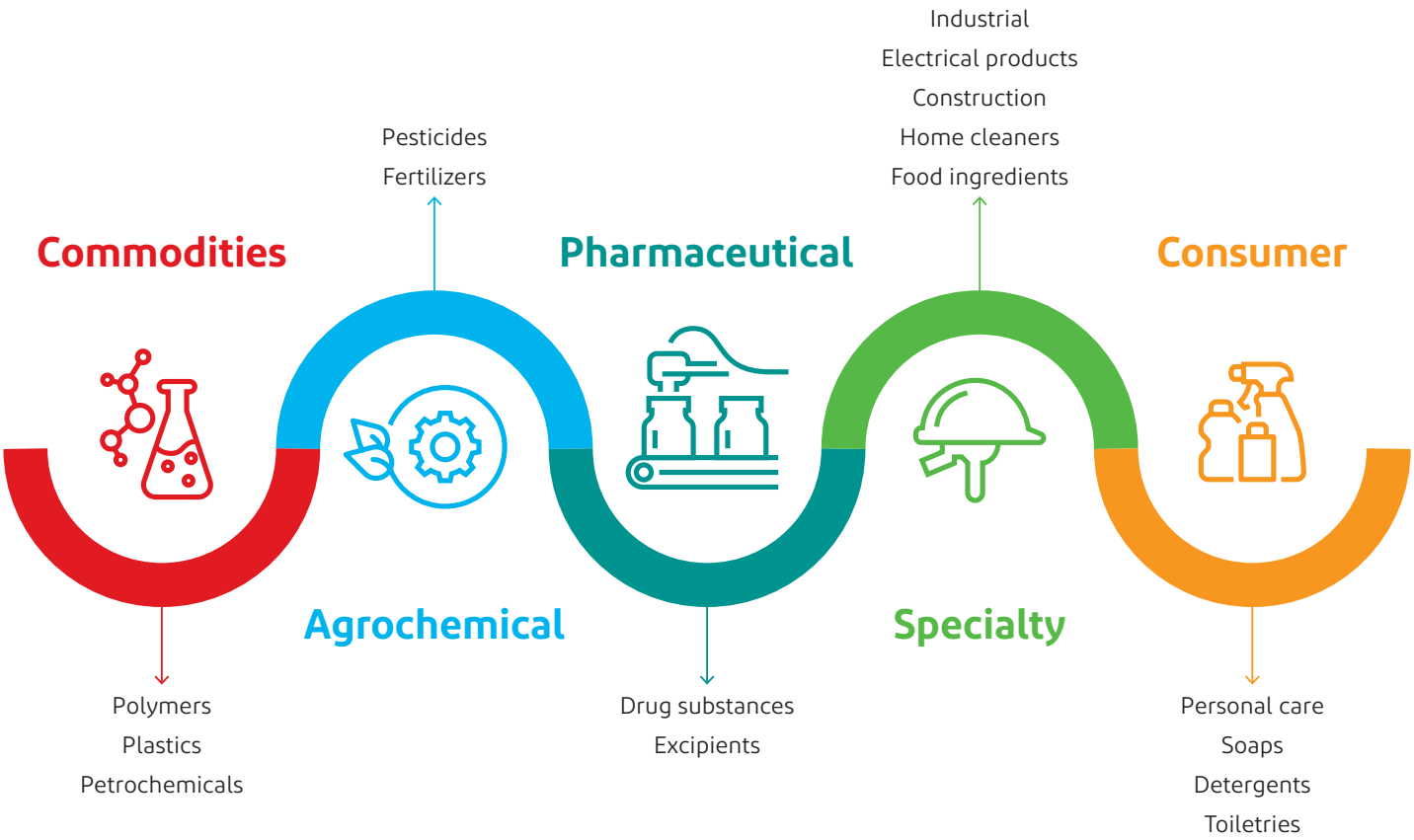
While doing this critical work, these essential workers are exposed to a variety of hazards ranging from flash fire and hazardous chemicals, dust and solvents to sharp edges and punctures. As a result, health, safety and environment (HSE) managers have many tasks to balance.

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

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

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

Chemical subsegments



Kevlar®

A powerful, innovative fiber

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

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

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

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

Cut

High heat

Abrasion

Electrical arc

Flame

Puncture

Nomex®

Unparalleled heat and flame resistance

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

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

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

Heat

Arc flash

Flame

Global reach

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

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

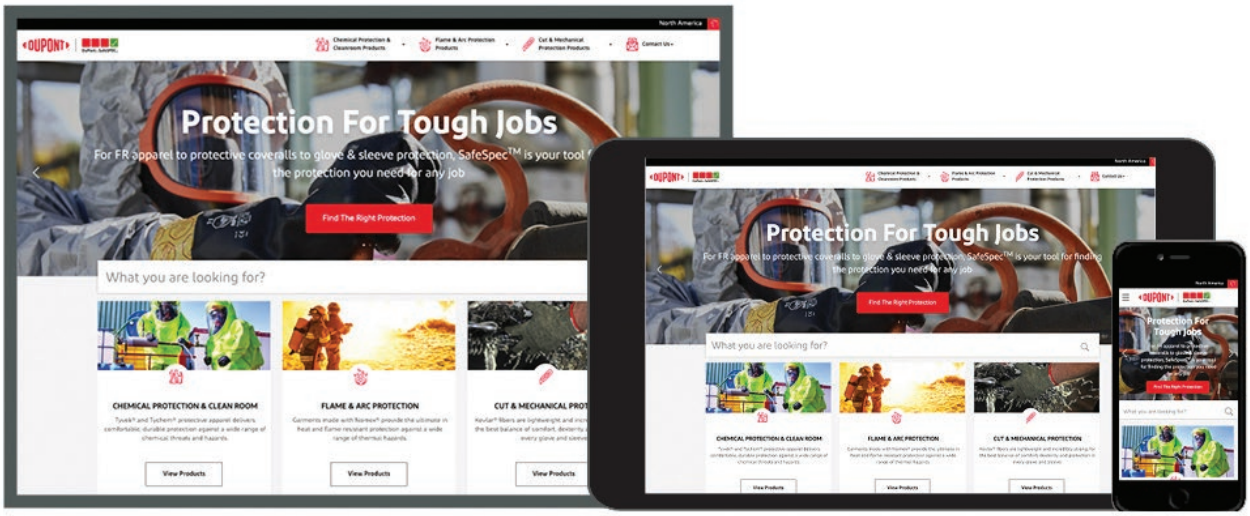
○ Technical centers ● Thermo-Man® Units ● Arc-Man® Units

We're here to help

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

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

safespec.dupont.com



DUPONT™ | DuPont™ SafeSPEC™

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 Customer Service at **1-800-931-3456** to determine whether there is new information that relates to your intended use or application of the product.

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

It is the responsibility of the user to:
Get trained in the proper use, handling, storage, maintenance and disposal of garments;

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

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

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

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

"WARNING: Tyvek®, ProShield®, and most Tychem® garments, including Tychem® 2000 Tape, 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. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

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

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

Tyvek® 500, Tyvek® 600 and Tyvek® 800 contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products and should also be reported to DuPont at 1-800-441-3637 (outside the U.S. 1-302-774-1139).

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

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

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

DuPont™ SafeSPEC™—we're here to help

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

safespec.dupont.com

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.

DUPONT™ | DuPont™ SafeSPEC™

DuPont Personal Protection
safespec.dupont.com
dpp.dupont.com

DuPont Personal Protection
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