DuPont Personal Protection
2024 Product catalog
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.
Heavy chemical exposure

Light chemical exposure

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

Flame resistance

DuPont™ Tychem® garments

<table>
<thead>
<tr>
<th>Original</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tychem® TK</td>
<td>Tychem® 10000</td>
</tr>
<tr>
<td>Tychem® RESPONDER CSM</td>
<td>Tychem® Responder® CSM</td>
</tr>
<tr>
<td>Tychem® ThermoPro</td>
<td>Tychem® 6000 FR</td>
</tr>
<tr>
<td>Tychem® F</td>
<td>Tychem® 6000</td>
</tr>
<tr>
<td>Tychem® CPF 3</td>
<td>Tychem® 5000</td>
</tr>
<tr>
<td>Tychem® SL</td>
<td>Tychem® 4000</td>
</tr>
<tr>
<td>Tychem® QC</td>
<td>Tychem® 2000</td>
</tr>
<tr>
<td></td>
<td>new garment</td>
</tr>
<tr>
<td></td>
<td>Tychem® 2000 SFR</td>
</tr>
</tbody>
</table>

DuPont™ Tyvek® garments

<table>
<thead>
<tr>
<th>Original</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyvek® Plus</td>
<td>Tyvek® 800</td>
</tr>
<tr>
<td>Tyvek® Xpert</td>
<td>Tyvek® 600</td>
</tr>
<tr>
<td>Tyvek® 500</td>
<td>new garment</td>
</tr>
<tr>
<td></td>
<td>Tyvek® 500 HV</td>
</tr>
<tr>
<td>Tyvek®</td>
<td>Tyvek® 400</td>
</tr>
<tr>
<td>Tyvek® Dual</td>
<td>Tyvek® 400 D</td>
</tr>
</tbody>
</table>

DuPont™ ProShield® garments

<table>
<thead>
<tr>
<th>Original</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProShield® 3</td>
<td>ProShield® 70</td>
</tr>
<tr>
<td>ProShield® NexGen</td>
<td>ProShield® 60</td>
</tr>
<tr>
<td>new garment</td>
<td>ProShield® 50</td>
</tr>
<tr>
<td></td>
<td>DuPont™ SureStep®</td>
</tr>
<tr>
<td></td>
<td>ProShield® 30</td>
</tr>
<tr>
<td>ProShield® Basic</td>
<td>ProShield® 10</td>
</tr>
<tr>
<td>ProShield® Tempro</td>
<td>ProShield® 6 SFR</td>
</tr>
</tbody>
</table>

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

Level of protection

Original Tychem® garments

New Tychem® garments

Level of protection

Original Tyvek® garments

New Tyvek® garments

Original ProShield® garments

New ProShield® garments

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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 technologies typically used in DuPont protective garments

<table>
<thead>
<tr>
<th>Technology</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microporous films (MPF)</td>
<td>Bi-laminate with a thin microporous film layer on a spunbonded polyethylene nonwoven for strong liquid and particle protection.</td>
</tr>
<tr>
<td>Spunbond-meltblown-spunbond (SMS)</td>
<td>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.</td>
</tr>
<tr>
<td>Spunbond polypropylene (SBPP)</td>
<td>With their highly open structure, SBPP fabrics offer negligible barrier protection.</td>
</tr>
</tbody>
</table>

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 in the barrier between you and your environment unravels—leaving you vulnerable.

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

In order to select the appropriate protective garment, it is crucial to know how well the fabric used in the garment provides a barrier to specific hazardous materials. Testing for chemical protective fabrics can be divided into two primary categories:

1) Penetration testing—appropriate for particle hazards

2) Permeation testing—appropriate for liquid and gaseous hazards

Choosing a garment

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

Garment style

DuPont offers a wide variety of garment styles—from hoods and shoe covers to aprons, coveralls and fully encapsulated suits. Fully encapsulated suits are available with front or rear entry, with a flat back for airline accommodation or an expanded back for SCBA accommodation.

Hoods

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

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

<table>
<thead>
<tr>
<th>Fabric</th>
<th>TY</th>
<th>120</th>
<th>WH</th>
<th>LG</th>
<th>0025</th>
<th>00</th>
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<tr>
<td>Size</td>
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</tr>
<tr>
<td>Case count</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Fabric
The first two characters are the fabric description.

**Abbreviations**
- DuPont Tychem®
  - PK: 10000
  - RC: Responder® CSM
  - TP: 6000 FR
  - TF: 6000
  - TC: 5000
  - TL: 4000
  - QC: 2000
  - Q5: 2000 SFR
  - 99: Accessories
- DuPont Tyvek®
  - TJ: 800
  - TY: 600
  - TY: 500
  - TY500HV: 400
  - TD: 400 D
  - FC: 400 FC
- DuPont ProShield®
  - P3: 70
  - NG: 60
  - NB: 50
  - PE: 30
  - PB: 10
  - TM: 6 SFR

#### Seam construction
Abbreviations
- S: Serged or sewn
- B: Bound
- T: Taped or double taped

#### Color
Several DuPont fabrics are available in color options.

**Abbreviations**
- BU: Blue
- GR: Green
- GV: Gray
- HV: High-visibility orange
- LY: Lime yellow
- OR: Orange
- TN: Tan
- WM: White
- YL: Yellow

#### Style
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

#### Size
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.

#### Case count
The number of garments per case.

**Options**
- 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.

#### Option code abbreviations
- 00: Standard offering
- 0B: Bulk pack
- 0C: Viton® Butyl
- 0V: Viton® Butyl
- 0C: MSA connector pass-thru CAMDS (#499135) right side
- 0M: MSA connector pass-thru F/Foster fitting 99060
- 0N: MSA quick fit w/Schrader fitting 990190
- 0R: MSA dual purpose #495670 Hansen fitting (left front waist)
- 0S: Scott® pass-thru #583620-01 Hansen fitting (right side)
- 0W: InterOps pass-thru #3689036
- 0N: Berry Amendment compliant
- 0C: Reduced case quantity
- 0L: Hook-and-loop
- 0F: CPE sleeve cuff and jam fit glove insert
- 6X: DuPont Tyvek® 500 standard

#### Option codes for DuPont Controlled Environments garments**
- CS: Clean-processed and sterile
- DS: Clean-processed and sterile, double-bagged
- 0S: Sterile
- TS: Sterile, double-bagged
- 0C: Clean-processed
- 0I: Packaged individually
- 00: Bulk
- 0B: Bulk

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

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

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

- Protocol DNL-NIL-STG-202, Method T-202 (ID) is modified for Lewisite, for 8 hours at 10 g/m².
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**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® Professional Protection has tried to reduce some of that burden by providing a complete line of products with supporting information to help guide specifiers through the selection process. To get the most out of your personal protective equipment (PPE), it is necessary to understand where the products are intended to be used. DuPont® SafeSPEC® is a sophisticated, DuPont® 'Tyvek® and DuPont® ProShield® products
typical general industrial hazards/description/examples

<table>
<thead>
<tr>
<th>Non-hazardous</th>
<th>Hazardous</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garment</td>
<td>Particles</td>
</tr>
<tr>
<td>ProShield® 70</td>
<td>Tyvek® 440</td>
</tr>
<tr>
<td>ProShield® 50</td>
<td>Tyvek® 500</td>
</tr>
<tr>
<td>ProShield® 30</td>
<td>ProShield® 50</td>
</tr>
<tr>
<td>ProShield® 10</td>
<td>ProShield® 6000</td>
</tr>
<tr>
<td>ProShield® 6 SFR</td>
<td>ProShield® 800</td>
</tr>
</tbody>
</table>

Generally preferred: Acceptable for use

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. In the case of a skin reaction, wash the skin with soap and water and seek medical attention.

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® ProShield® 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. In the case of a skin reaction, wash the skin with soap and water and seek medical attention.

ProShield® 6 SFR and Tychem® 2000 SFR coveralls provide only secondary flame-resistant protection. They must always be worn over a primary flame-resistant garment and primary flame-resistant hood/habits/face mask 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 most cases, seams and closures have shorter breakthrough times and higher penetration resistance than the fabric. Please contact DuPont for specific data. If the garment becomes torn, abraded or punctured, user should discontinue use of garment to avoid potential exposure.

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

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Secondary flame-resistant (SFR)

Lightweight, disposable overgarments 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.

DuPont® ProShield® 6 SFR is blue.

DuPont™ ProShield® 10

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.

Spunbond-meltblown-spunbond (SMS) garments

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

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

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

Note: Not all sizes available in all styles.
DuPont™ ProShield® 30
Original name: DuPont® SureStep™

Boot cover
PE444SWHHX010000
Serged seams
Elastic ankles
13" height
100/cs
LG–XL

Shoe cover
PE440SWHHX020000
Serged seams
Elastic ankles
5.5" height
200/cs
MD–XL

Shoe cover
PE440SWHUX020000
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

DuPont™ ProShield® 50
Original name: new garment

Coverall
NB120SWHHX002500
Serged seams
Collar
Zipper closure
Storm flap
SM–6X

Coverall
NB125SWHHX002500
Serged seams
Collar
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
SM–6X

Coverall
NB127SWHHX002500
Serged seams
Attached hood
Respirator fit
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
Zipper closure
SM–6X

Coverall
NB123SWHHX002500
Serged seams
Attached hood
Collar
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
SM–6X

Coverall
NB122SWHHX002500
Serged seams
Attached hood
Collar
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
Attached skid-resistant boot covers
SM–6X

Apron
NB273WBWHXX010000
Bound seams
Bound neck and ties
Bib style
28" x 36"
One size fits most

Sleeves
NB500SWHXX0200YU
Serged seams
Elastic openings
24" length
One size fits most

Sleeves
NB500SWHHX020000
Serged seams
Elastic openings
24" length
One size fits most

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

ProShield® 50

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.

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.

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® 30 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.

Customer service: 1-800-931-3456
dupont.com
dupont.com

Customer service: 1-800-931-3456
dupont.com
dupont.com
DuPont™ ProShield® 60
Original name: ProShield® NexGen

Coverall
- NG255WHXX002500
  - Serged seams
  - Collar
  - Zipper closure
  - Storm flap
  - Elastic ankles
  - SM–6X

Apron
- NG273WHWHX001000
  - Bound seams
  - Bound neck and ties
  - RB style
  - 28” x 36”
  - One size fits most

Level of protection
Level of protection
Level of protection
Level of protection

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.

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® 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.

ProShield® 60 is white

(Garment imagery)

ProShield® 70
Original name: ProShield® 3

Shoe cover
- P14605GYD001200LG
  - Serged seams
  - Elastic openings
  - 8-1/2” height
  - ProShield® 70 fabric
  - Skid-resistant
  - 200/cs (100 pairs)
  - One size fits most

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

ProShield® 70 is gray

LG = 8.25” high shoe cover

(Garment imagery)

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.

ProShield® 70

(Garment imagery)
DuPont™ Tyvek® 400 D

Original name: Tyvek® Dual

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**Front with hood**

**Back**

DuPont™ 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

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**TiD127S**

Serged seams
Collar
Elastic waist
Elastic wrists
Elastic ankles
Thumb loops
MD–4X

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**TiD127SWBHXX0025CM**

Serged seams
Attached hood (respirator fit)
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
Thick loops
MD–4X

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**TiD125SWBHXX0025CM**

Serged seams
Attached hood (respirator fit)
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
Thick loops
MD–4X

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**Tyvek® 400**

Fabric is composed of flashspun high-density polyethylene, which creates a unique nonwoven material available only from DuPont.

- **Multiple applications**: Glass manufacturing, Maintenance, Utilities, Boat manufacturing, Composites manufacturing, Wind turbine manufacturing.
- **Key features**: Glass manufacturing, Maintenance, Utilities, Boat manufacturing, Composites manufacturing, Wind turbine manufacturing.
- **Environment**: Garments made of Tyvek® fabrics should not be used in environments that can lead to heat stress.

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**TiD125SWHXX0025NF**

Serged seams
Attached hood (respirator fit)
Zipper closure
Storm flap
Elastic waist
Comfort fit design
MD–7X

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**TiD275SWHXX0025NF**

Serged seams
Attached hood (respirator fit)
Zipper closure
Storm flap
Elastic waist
Comfort fit design
MD–7X

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**Tyvek® 400**

Garment is made from a polypropylene spunbond-meltblown-spunbond (SMS) fabric.

- **Offers comfort, softness, and breathability**: Comfort fit design helps enable a greater range of movement while stretching and bending.
- **Key features**: Comfort fit design, Elastic ankles, Elastic wrists, Elastic waist, Storm flap, Attached hood (respirator fit).
- **Environment**: Garments made of Tyvek® fabrics should not be used in environments that can lead to heat stress.

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**Coverall**

TY120SWHXX0025NF
MD–6X

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**Coverall**

TY120SWHXX0025VP
MD–6X

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**Coverall**

TY121SWHXX0025NS
MD–6X

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**Coverall**

TY122SWHXX0025NF
MD–4X

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**Coverall**

TY122SWHXX0025VP
MD–4X

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**Coverall**

TY125SWHXX0025NF
MD–7X

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**Coverall**

TY125SWHXX002500
MD–7X

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**Coverall**

TY127SWHXX0025NF
MD–4X

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**Coverall**

TY127SWHXX0025VP
MD–4X

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**Coverall**

TY151SWHXX0025NF
MD–7X

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**Coverall**

TY151SWHXX002500
MD–7X

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**Coverall**

TY151SWHXX0025VP
MD–4X

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**Coverall**

TY151SWHXX0006G1
MD–7X

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**Coverall**

USMCA/TAA COMPLIANT

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**VP = Vend packed**

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**NF = USMCA/TAA compliant**

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**NS = Non-skid material**

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**G1 = Reduced case quantity**

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**Level of protection**

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**Note**: Not all sizes available in all styles.

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**Warning**: **Explosive environments**. Garments made of Tyvek® fabrics should not be worn in environments that can lead to heat stress.

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**User information**

- **Level of protection**: Level of protection
- **Vendor**: safespec.dupont.com
- **Customer service**: 1 800 931 3456

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**Customer service 1 800 931 3456 safespec.dupont.com dpp.dupont.com**

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Tyvek® 400 and Tyvek® 400 FC

Original name: Tyvek®

Level of protection

Tyvek® FC fabric
Serger seams
Elastic openings
8.25” height
200/cs (100 pairs)
One size fits most

Only NF option codes are USMCA/TAA compliant. Sewn 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. Not all sizes are 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® 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.

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.

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

Tyvek® 400 FC is gray
LG = 8.25” high shoe cover
NF = USMCA/TAA compliant
SR = Skid resistant

Tyvek® 400

Nomex®<sup>®</sup> 400

Nomex®<sup>®</sup> 400 FC

Nomex®<sup>®</sup> 400 with Friction Coating (FC)

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.

Designations are subject to change without notice.

DuPont<sup>™</sup> Tyvek® 400

Original name: Tyvek®

Level of protection

Tyvek® 400

Only NF option codes are USMCA/TAA compliant. Sewn 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: Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® 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.

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

TY125S

SM–6X

Comfort fit design

Elastic ankles

Elastic wrists

Storm flap

Attached hood

Serged seams

Coverall—Tyvek® 500

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.

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 flash spun high-density polyethylene, which creates a unique, nonwoven material available only from DuPont. Suitable for applications such as pharmaceutical handling, chemical processing, automatic spray painting, maintenance and many others.

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

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

Protect against infective agents (EN 14126)

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

• Resistance to penetration by blood and body fluids using synthetic blood (ISO 16603)

Tyvek® 500 is white.

Tyvek® 600 garments are composed of flash spun 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 4-6, 5-B and 6-B

• Protection against infective agents (EN 14126)

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

• Resistance to penetration by blood and body fluids using synthetic blood (ISO 16603)

• Fabric and seams offer chemical permeation barrier to low concentration water-based inorganic chemicals

Tyvek® 600 is white.

PI = Packaged individually.
DuPont™ Tyvek® 800
Original name: new garment

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

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

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

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

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

Tyvek® 800 is white

PI = Packaged individually

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

Certain accessory items are also identified as make-to-order. Stock/check 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.

Tyvek® 800 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 2112 Section 5.1.9

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

DuPont™ Tychem® 2000 SFR
Original name: new garment

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

Level of protection

Combi suit (jacket and Bib overall)

Coverall

Taped seams
Attached hood
Zipper closure
Storm flap with tape closure
Elastic wrists
Attached socks
Outer boot flaps with elastic
SM-5X

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

Apron

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

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

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

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

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 worn over primary flame-resistant garments, including but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® FR garments like those made with DuPont™ Nomex®.

Combi suit (jacket and Bib overall)

If appropriate primary FR apparel is worn beneath; for hooded coveralls, appropriate FR hoods should be worn.

Warning: Tychem® 2000 SFR garments should not be worn as outer clothing.

References: Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
Light liquid splash protection
Used extensively in the petroleum, pulp and paper, food and chemical processing, and pharmaceutical industries
Flexible, durable and lightweight
Tychem® 2000 provides at least 30 minutes of protection against >40 chemical challenges
When used with other PPE, can help reduce the risk of cross-contamination in pandemic preparedness activities
Passes ASTM F1670 and ASTM F1671 tests, offering bloodborne pathogen protection
Tychem® 2000 is yellow for high visibility

Only BN option codes are Berry Amendment compliant.
Please note that Tychem® fabrics have different permeation performance. Please check DuPont® SafeSPEC® for permeation data that meets your specific needs.
Stocktex to order designations are based on sales volume and production efficacies. Therefore, designations are subject to change without notice.
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 dip 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. Not all sizes available in all styles.
Warning: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.
Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont® ProShield® 6 FR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont® Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments.
In addition, for ProShield® 6 FR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/face piece should be worn. DuPont® Tychem® 2000 FR, Tychem® 2000 SFR, ProShield® 6 FR garments, and/or Tychem® 2000 SFR hooded garments, primary flame-resistant hood/face piece should be worn. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Only BN option codes are Berry Amendment compliant.
Please note that Tychem® fabrics have different permeation performance. Please check DuPont® SafeSPEC® for permeation data that meets your specific needs.
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. Not all sizes available in all styles.
Warning: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.
Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont® ProShield® 6 FR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont® Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments.
In addition, for ProShield® 6 FR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/face piece should be worn. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
SafeSPEC™ for permeation data that meets your specific needs. Therefore, designs are subject to change without notice.

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

Note: Not all sizes available in all styles.

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

Only Tychem® 6000 FR garments are designed to help reduce injury during escape from a flash fire. DuPont® ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/bib levels should be worn. See page 7 for photos.

Garments, including but not limited to, DuPont® Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/bib levels should be worn. 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.

Warning: Most Tychem® garments should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments should not knowingly enter an explosive environment.

See page 7 for photos.

Note: Not all sizes available in all styles.

Warning: Most Tychem® garments should not be worn when these chemicals are present.

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Warning: Most Tychem® garments should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.
Strong and durable garments with broad chemical barrier

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

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

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

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

DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

C3122TTNXX000600

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

Seams and closures have less barrier than fabric. Note: Not all sizes available in all styles.

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

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

C3127T

Coverall

Taped seams
Attached hood
Zipper closure
Elastic wrist
Storm flap with tape closure
Elastic ankle
SM–5X

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

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.

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

DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

C3125TTNXX000600

Taped seams
Collar
Zipper closure
Taped seams
SM–5X

Elastic wrists
Storm flap with tape closure
Zipper closure
Attached hood (respirator fit)
Taped seams
Coverall
SM–5X

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

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

Note: Not all sizes available in all styles.

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

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 rescuer 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.

C3128TTNXX000600

Taped seams
Attached hood
Bound snap neck
Taped seams
Collar
SM–7X

Elastic wrists
Storm flap with tape closure
Zipper closure
Attached hood (respirator fit)
Taped seams
Coverall
SM–5X

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

Seams and closures have less barrier than fabric. Note: Not all sizes available in all styles.

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

Note: Not all sizes available in all styles.

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

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

Stock/make to order designations are subject to change without notice. Therefore, designations are based on specific needs.

C3127TTNXX000600

Taped seams
Attached hood
Assisted zipper
Taped seams
SM–5X

Elastic wrists
Storm flap with tape closure
Elastic ankle
SM–5X

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

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.

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

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.

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

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

Warning: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments.
SafeSPEC™ for permeation data that meets your permeation performance. Please check DuPont™ or double storm flap, see product description for details.

**Storm flaps:**
- All taped seam coveralls have a storm flap design.
- Only TV option codes are TAA compliant.

Seams and closures have less barrier than fabric.

**Note:** Not all sizes available in all styles.

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

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.

Only TV option codes are TAA compliant.

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

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont® ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont® Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments.

In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR garments are encouraged to match with NFPA 1992. High chemical challenges

Passes ASTM F617 and ASTM F617 tests, offering bloodborne pathogen protection.

**Tychem® 6000** is available in gray for discretionary purposes with a low-visible patch.

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

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

Seams and closures have less barrier than fabric.

**Note:** Not all sizes available in all styles.

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

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont® ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont® Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments.

In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR garments are encouraged to match with NFPA 1992.
DuPont™ Tychem® 6000 FR
Original name: Tychem® ThermoPro

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

TP199TORXX000200

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

TP198TORXX000200

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

First choice for perimeter protection.

DuPont™ Tychem® 6000 FR provides triple hazard protection from chemicals, flash fire and electric arc, combining the trusted chemical protection of Tychem® with the flame and arc flash protection of DuPont® Nomex® into a single garment.

Tychem® 6000 FR 198T/199T exceed the Hazard Risk Category 2 requirement of 8 cal/cm² outlined in NFPA 70E®, Standard for Electrical Safety in the Workplace.

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.

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

Seams and closures have less barrier than fabric. Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

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

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

Please note that Tychem® fabrics have different chemical challenges.

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

Please note that Tychem® fabrics have different chemical challenges.

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

Please note that Tychem® fabrics have different chemical challenges.

SAR garments offer secondary flame-resistance and are designed to be used over primary flame-resistant garments, including but not limited to, DuPont® Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR and ProShield® 6 SFR 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.
High-level protection against toxic and corrosive gaseous, liquid and solid chemicals

Used for military weapon demilitarization

Suitable for hazardous and domestic preparedness situations

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

Tychem® Responder® CSM is tan for use in CBRN Operations

USMCA/TAA compliant

Suited for hazmat and domestic chemical challenges

Level of protection

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® TK certified to NFPA 1990 (NFPA 1994 Class 2), 2022, Standard for Protective Ensembles for Hazardous Materials and CBRN Operations

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

Leading garment chosen by hazmat responders worldwide

Note: Not all sizes available in all styles.

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

Tychem® 10000 encapsulated suits are USMCA/TAA compliant

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

Note: Not all sizes available in all styles.

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

Tychem® TK 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 performances. Please check DuPont® SafeSPEC® for permeation data that meets your specific needs.

Dress code and order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

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 footwear.

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 5 for photos.

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

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

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

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont® Nomex® IIIA and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be worn over primary flame-resistant garments; and are not intended to be worn alone as primary flame-resistant garments. In addition, for Pyrovatex® C6 FR and 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.

Front entry

Double taped seams

Three-layer anti-fog, vapor system (PVC 40 mil/TEF/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

Outlet boot flaps with elastic MD-AX

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

Dress code and order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

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 footwear.

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 5 for photos.

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

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

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

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. DuPont® Nomex® IIIA and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be worn over primary flame-resistant garments; and are not intended to be worn alone as primary flame-resistant garments. In addition, for Pyrovatex® C6 FR and 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® 10000

Original name: Tychem® TK

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

TK527TVXX000100
Front entry
TK612TLYXX00017N
Front entry
TK612TLYXX00017S
Front entry
TK612TLYXX00017W
Front entry
TK613TLYXX000100
Rear entry

Front entry
Front entry
Front entry
Front entry

Encapsulated Level B

TK527TVXX000100
Front entry
TK612TLYXX00017N
Front entry
TK612TLYXX00017S
Front entry
TK612TLYXX00017W
Front entry
TK613TLYXX000100
Rear entry

Front entry
Front entry
Front entry
Front entry

Front entry
Front entry

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

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

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.

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

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

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

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

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

---

**Size table for DuPont™ Tyvek® garments**

<table>
<thead>
<tr>
<th>Size</th>
<th>Fits chest</th>
<th>Fits height</th>
</tr>
</thead>
<tbody>
<tr>
<td>MD</td>
<td>30 - 40 1/4</td>
<td>5'0&quot; - 5'7&quot;</td>
</tr>
<tr>
<td>LG</td>
<td>38 1/4 - 43 1/4</td>
<td>5'5&quot; - 5'9&quot;</td>
</tr>
<tr>
<td>XL</td>
<td>41 1/4 - 46 1/4</td>
<td>5'8&quot; - 6'2&quot;</td>
</tr>
<tr>
<td>2X</td>
<td>40 3/4 - 46 1/4</td>
<td>6'0&quot; - 6'6&quot;</td>
</tr>
<tr>
<td>3X</td>
<td>47 3/4 - 52 3/4</td>
<td>6'2&quot; - 6'5&quot;</td>
</tr>
<tr>
<td>4X</td>
<td>51 1/4 - 56 1/4</td>
<td>6'4&quot; - 6'8&quot;</td>
</tr>
<tr>
<td>5X</td>
<td>54 1/4 - 59 1/4</td>
<td>6'6&quot; - 7'0&quot;</td>
</tr>
<tr>
<td>6X</td>
<td>57 1/4 - 62 3/4</td>
<td>6'9&quot; - 7'2&quot;</td>
</tr>
<tr>
<td>7X</td>
<td>60 1/4 - 65 1/4</td>
<td>6'12&quot; - 7'4&quot;</td>
</tr>
</tbody>
</table>

---

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

<table>
<thead>
<tr>
<th>Size</th>
<th>Fits chest</th>
<th>Fits height</th>
</tr>
</thead>
<tbody>
<tr>
<td>MD</td>
<td>29 3/4 - 38 3/4</td>
<td>5'0&quot; - 5'7&quot;</td>
</tr>
<tr>
<td>LG</td>
<td>38 1/4 - 41 1/4</td>
<td>5'5&quot; - 5'9&quot;</td>
</tr>
<tr>
<td>XL</td>
<td>41 1/4 - 44 1/4</td>
<td>5'8&quot; - 6'2&quot;</td>
</tr>
<tr>
<td>2X</td>
<td>44 1/4 - 47 1/4</td>
<td>6'0&quot; - 6'4&quot;</td>
</tr>
<tr>
<td>3X</td>
<td>47 1/4 - 50 1/4</td>
<td>6'2&quot; - 6'5&quot;</td>
</tr>
<tr>
<td>4X</td>
<td>50 1/4 - 54 1/4</td>
<td>6'4&quot; - 6'7&quot;</td>
</tr>
<tr>
<td>5X</td>
<td>53 3/4 - 57 1/4</td>
<td>6'8&quot; - 7'0&quot;</td>
</tr>
</tbody>
</table>

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**Size table for DuPont™ ProShield® garments**

<table>
<thead>
<tr>
<th>Size</th>
<th>Fits chest</th>
<th>Fits height</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM</td>
<td>28 3/4 - 33 1/4</td>
<td>5'0&quot; - 5'7&quot;</td>
</tr>
<tr>
<td>MD</td>
<td>32 3/4 - 37 1/4</td>
<td>5'3&quot; - 5'7&quot;</td>
</tr>
<tr>
<td>LG</td>
<td>36 3/4 - 40 1/4</td>
<td>5'5&quot; - 5'9&quot;</td>
</tr>
<tr>
<td>XL</td>
<td>39 3/4 - 44 1/4</td>
<td>5'8&quot; - 6'1&quot;</td>
</tr>
<tr>
<td>2X</td>
<td>43 1/4 - 47 1/4</td>
<td>6'0&quot; - 6'3&quot;</td>
</tr>
<tr>
<td>3X</td>
<td>46 3/4 - 51 1/4</td>
<td>6'0&quot; - 6'4&quot;</td>
</tr>
<tr>
<td>4X</td>
<td>50 1/4 - 54 3/4</td>
<td>6'3&quot; - 6'7&quot;</td>
</tr>
<tr>
<td>5X</td>
<td>53 3/4 - 58 1/4</td>
<td>6'6&quot; - 6'10&quot;</td>
</tr>
<tr>
<td>6X</td>
<td>56 1/4 - 60 1/4</td>
<td>6'9&quot; - 7'2&quot;</td>
</tr>
<tr>
<td>7X</td>
<td>58 3/4 - 63 1/4</td>
<td>7'0&quot; - 7'4&quot;</td>
</tr>
</tbody>
</table>
DuPont Controlled Environments

DuPont sterile cleanroom garments, designed for single use, offer meaningful advantages in today's challenging cleanroom environments. DuPont materials provide a wide 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 verification testing
- 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-processed and sterile
- D5: Clean-processed and sterile, double-bagged
- OS: Sterile
- TS: Sterile, double-bagged
- OC: Clean-processed
- PI: Packaged individually
- 00: Bulk
- 08: Bulk

Controlled environments apparel selection guide

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

<table>
<thead>
<tr>
<th>Environments</th>
<th>Tyvek® IsoClean®</th>
<th>ProClean®</th>
<th>Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO Class 5</td>
<td>Clean-processed</td>
<td>Sterile</td>
<td>+</td>
</tr>
<tr>
<td></td>
<td>Clean-processed</td>
<td>non-sterile</td>
<td>+</td>
</tr>
<tr>
<td></td>
<td>Bulk</td>
<td>non-sterile</td>
<td>+</td>
</tr>
</tbody>
</table>

Hazards

Non-hazardous dry particles

Non-hazardous, light liquid splash

Hazardous liquids
Examples: organic solvents, caustics

Do Not Use

Hazardous liquid splash
Examples: industrial fluids, solvents, caustics

Do Not Use

Electrical arcing

Do Not Use

Barrier properties may be compromised through use.

Barrier may be compromised

(Gloves) not recommended

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safespec.dupont.com
controlledenvironments.dupont.com

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## DuPont Controlled Environments

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

### Coverall

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC105SWHXX0025CS</td>
<td>Bound seams, standard hood, elastic hood opening, set sleeve, zipper closure, elastic wrists, elastic ankles, snaps for aseptic donning.</td>
</tr>
<tr>
<td>IC181SWHXX002500</td>
<td>Serged seams, standard collar, raglan sleeve, front snap closure (5), elastic wrists, a-line, 30/cs</td>
</tr>
</tbody>
</table>

### Frock

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC224SWHXX00300B</td>
<td>Serged seams, mandarin collar, raglan sleeve, front snap closure (5), elastic wrists, pockets (1 left chest pencil, 2 lower front), knit cuffs, pencil cuffs, 30/cs</td>
</tr>
</tbody>
</table>

### Lab coat

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC265SWHXX00300B</td>
<td>Serged seams, mandarin collar, raglan sleeve, front snap closure (5), elastic wrists, pockets (1 left chest pencil, 2 lower front), knit cuffs, pencil cuffs, 30/cs</td>
</tr>
</tbody>
</table>

### Hood

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC668BWH0001000B</td>
<td>Bound seams, full face opening, bound hood opening, ties with loops for fit.</td>
</tr>
</tbody>
</table>

### Hood/mask

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC669BWH0001000S</td>
<td>Integrated hood/mask combination, bound seams, bound hood opening, ties with loops for fit, white hood, blue face mask, pleated polyethylene outer 7” wide mask, individually packaged.</td>
</tr>
</tbody>
</table>

### Sleeves

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC501BWH0001000B</td>
<td>Serged seams, standard collar, set sleeve, zipper closure, elastic wrists, 25/cs</td>
</tr>
</tbody>
</table>

### PC143

**DuPont™ Tyvek® IsoClean®**

Made from Tyvek® brand flashspun polyolefin protective material.

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

Comfortable, lightweight and durable garments available gamma sterilized to an SAL of 10⁻⁶.

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.

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

‘Tyvek® IsoClean® is white' for washer/dryer use.

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.

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.

---

**Customer service** 1 800 931 3456  
safespec.dupont.com  
controlledenvironments.dupont.com
DuPont Controlled Environments

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

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

Recycling process

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

For more information, call 1-800-931-3456 or contact your local DuPont sales representative.

personalprotection.dupont.com

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

Shoe cover—ProShield® 30
PE440SBUXX020000
Serged seams
Elastic openings
6” height
100/cs (50 pairs)
SM–XL

Shoe cover—DuPont™ ProShield® 30
PE4415SWXX000100
Serged seams
Elastic openings
PVC sole
5” high
300/cs (150 pairs)
SM–XL

Shoe cover
IC4415SWXX000100
Serged seams
Elastic openings
PVC sole
5” high
300/cs (150 pairs)
SM–XL

Boot cover
IC457SWXX000100
Bound seams
Elastic openings
Ties at ankles
PVC sole
18” high
100/cs (50 pairs)
SM–XL

Boot cover
IC458BWHXX000100
SM–XL
IC458BWHXX000100C
MD–XL
Bound seams
Elastic openings
Ties at ankles
PVC sole
18” high
100/cs (50 pairs)
SM–XL

Conserve materials and energy
Lower waste-related costs
Increase eligibility for grants and incentives
Boost employee morale
Meet your ISO 14001 goals
Help the environment

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

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

Shoe cover—ProShield® 30
PE440SBUXX020000
Serged seams
Elastic openings
6” height
100/cs (50 pairs)
LG–XL

Shoe cover
IC4415SWXX000100
Serged seams
Elastic openings
PVC sole
5” high
300/cs (150 pairs)
LG–XL

Boot cover
IC457SWXX000100
Bound seams
Elastic openings
Ties at ankles
PVC sole
18” high
100/cs (50 pairs)
LG–XL

Boot cover
IC458BWHXX000100
SM–XL
IC458BWHXX000100C
MD–XL
Bound seams
Elastic openings
Ties at ankles
PVC sole
18” high
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.

DuPont™ Tyvek® is a registered trademark of DuPont. DSV™, ISO CLEAN™, ProShield® and ProShield® 30 are trademarks of DuPont. ISO 14001 is a registered standard of the International Organization for Standardization.
Workers in chemical manufacturing industries face a variety of on-the-job hazards, including flash fire, sharp edges, punctures and exposure to hazardous chemicals, dust and solvents—to name just a few.

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

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

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

**Predict**
- Analyze all activities required for each part of your operation.
- Identify all potential risks associated with each activity.
- Understand severity and likelihood of risks.

**Provide**
- Document PPE selected to address each residual risk.
- Build awareness with workers about their specific risks and selected PPE.
- Train workers on correct use of PPE.

**Prevent**
- Evaluate ways to eliminate hazards.
- Make substitutions when possible.
- Reduce residual risks with engineering processes or operational changes.

**Protect**
- Select appropriate PPE to address residual risks.
- Ensure PPE meets performance and comfort requirements in the work environment.
- Remember, PPE is the last line of defense.
Chemical manufacturing—creating a variety of products means a variety of hazards

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

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

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

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

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

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

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

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

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

Unparalleled heat and flame resistance

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

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

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

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

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

○ Technical centers  ● Thermo-Man™ units  ○ Arc-Man™ units
We’re here to help

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

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

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

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

ProShield® 6 SFR and Tychem® 2000 SFR coveralls provide only secondary flame-resistant protection. They must always be worn over an appropriate primary flame-resistant garment and primary flame-resistant hood/balaclava in an environment that needs flame protection, along with other personal protective equipment that protects your face, hands and feet. Do not wear non-flame-resistant garments in potentially flammable or explosive environments. Instead, consider use of flame-resistant or secondary flame-resistant garments, which must be worn over primary flame-resistant garments.

Tyvek® 500, Tyvek® 600 and Tyvek® 800 contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products and should also be reported to DuPont at 1-800-441-3637 (outside the U.S. 1-302-774-1198) so that an investigation can be initiated.

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

Garments should have slip-resistant or antislip materials on the outer surface of boots, shoe covers or other garment surfaces in conditions where slipping could occur. Some Tychem® garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering. Tyvek® coveralls and ProShield® 60 coveralls can be considered for use with the appropriate respirators and other suitable PPE to minimize contact with isocyanate paint aerosols. Tyvek® garments are not appropriate if they are getting wet (paint is dripping or running, or wet to the touch) or if spotting is observed on skin or garments worn under the coveralls. Tychem® aprons and smocks are available for situations where prolonged liquid exposure may be limited to the front of the torso and/or arms of the wearer. These aprons and smocks can be worn with Tyvek® to provide localized protection while limiting the level of thermal discomfort.

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

DuPont™ SafeSPEC™—we’re here to help
Our powerful web-based tool can assist you with finding the appropriate DuPont garments for chemical, controlled environment, thermal and mechanical hazards.

safespec.dupont.com

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

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