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.

One simple system

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™ ProShield® Gray
DuPont™ Tychem® Orange
DuPont™ Tyvek® Blue
Tychem® 2000 SFR
Kevlar®
Kevlar®
Nomex®
Nomex®
Chemical manufacturing PPE playbook
All garment patches are in the shape of a stop sign and each is assigned a color.
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 method to assess the nature of the hazard and the working environment. Different factors such as concentration, temperature and pressure must be matched to the fabric and the outside of the seam.

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.

Functional requirements include:

- 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

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 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.

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)

A 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 nonwoven, these fabrics offer limited gas penetration and tough seam stress.

Spunbond polypropylene (SBPP)

Those highly open structure, SBPP fabrics offer negligible barrier protection.

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

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

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

**Color**

<table>
<thead>
<tr>
<th>Fabric</th>
<th>Style</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>TY</td>
<td>120</td>
<td>S</td>
</tr>
<tr>
<td>WH</td>
<td>LG</td>
<td>0025</td>
</tr>
<tr>
<td>00</td>
<td></td>
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</tr>
</tbody>
</table>

**Seam construction**

<table>
<thead>
<tr>
<th>Fabric</th>
<th>Style</th>
<th>Color</th>
<th>Seam construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>TY</td>
<td>120</td>
<td>S</td>
<td>Abbreviations</td>
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<td>00</td>
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</tbody>
</table>

**Screening**

- Several DuPont fabrics are available in color options.
- Abbreviations
  - BK Black
  - BU Blue
  - GR Green
  - GV 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
  - XX 2 Extra large
  - 3X 3 Extra large
  - 4X 4 Extra large
  - 5X 5 Extra large
  - 6X 6 Extra large
  - 7X 7 Extra large
  - 8X 8 Extra large
  - 00 Universal

**Case count**

- The number of garments per case.

**Options**

<table>
<thead>
<tr>
<th>Options</th>
<th>Abbreviations such as</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV</td>
<td>Trade Agreement Act compliant</td>
</tr>
<tr>
<td>VP</td>
<td>Vend packed</td>
</tr>
<tr>
<td>VP</td>
<td>Not all option codes are available for all products; refer to catalog descriptions for details. See next page for abbreviations.</td>
</tr>
</tbody>
</table>

**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/zipped & hook-and-loop closure
- **5C** Viton® butyl
- **5V** Viton® butyl
- **7C** MSA connector pass-thru CAMOS (#449538) right side
- **7M** MSA dual purpose w/Foster fitting 990060
- **7N** MSA quick fill w/Schneider fitting 990900
- **7R** MSA dual purpose #495670 Hansen fitting (left front waist)
- **7S** Scott® pass-thru #803620-01 Hansen fitting (right side)
- **7W** Interpaks pass-thru #3689005
- **8N** Berry Amendment compliant
- **CM** White & blue color
- **G1** Reduced case quantity
- **HL** Hook-and-loop

**Product part numbers**

**Product packaging**

- **JF** CPS sleeve cuff and jam fit glove insert
- **LA** Tyvek® 500 standard
- **LG** 8.25” high shoe cover
- **NF** USMCA sourced
- **NP** No liner
- **RF** Respirator fit hood and storm flap
- **NS** Non-skid material
- **PI** Packaged individually
- **SF** Skid resistant
- **TV** Trade Agreement Act compliant
- **VP** Vend packed

**New packaging**

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

**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
- **OS** Sterile: individually packaged and sterilized by gamma radiation
- **OC** Clean: clean-processed, individually packaged
- **00** or **OB** Bulk packaged
- **PI** Individually packaged
- **TS** Sterile, double-bagged

**Abbreviations* for details.**

- *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.

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*See pages 48-50 for DuPont Controlled Environments garments.
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 DUP Customer Service at 1-800-551-3661 to determine whether there is new information that relates to your intended use or application of the product.

Please note that the following products are not included in the DuPont Chemical Permeation Testing Program:

- 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 as per JCP-9.0.1.2 Chemicals 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 is developed and updated regularly. For the latest information, please visit safespec.dupont.com or contact DUP Customer Service at 1-800-551-3661.
**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 F1019 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**

<table>
<thead>
<tr>
<th>Non-hazardous</th>
<th>Hazardous</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particles</td>
<td>Aerosol</td>
</tr>
<tr>
<td>Soot, dust</td>
<td>Inorganic matter</td>
</tr>
<tr>
<td>Grinding waste</td>
<td>Silica</td>
</tr>
<tr>
<td>Organic solvents</td>
<td>Inorganic gases</td>
</tr>
<tr>
<td>Ammonia anhydrous</td>
<td>Corrosives</td>
</tr>
</tbody>
</table>

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 break-through times and higher penetration rates than the fabric. Please consult DuPont for specific data. If the garment becomes torn, shredded or punctured, end user should discontinue use of garment to avoid potential exposure.

**Tyvek® and ProShield® garments**

- Garment
  - Tyvek® 400
  - Tyvek® 500
  - Tyvek® 600
  - ProShield® 60
  - ProShield® 50
  - ProShield® 30
  - ProShield® 10
  - Generally preferred: Acceptable for use

- Generally preferred: Acceptable for use

*Light 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 if it is wet to the touch. If spotting is observed on the garment, Tyvek® and ProShield® garments 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, 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 spotting is observed on the skin or garments worn under the protective garment. Segregated 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® 400 and Tyvek® 500 garments use a special type of Tyvek® fabric, which has different physical properties and improved chemical resistance properties when compared to the standard Tyvek® fabric. Tyvek® 400 and Tyvek® 500 are not intended for applications where a higher liquid barrier is needed.

**Product line by hazard**

**DuPont® Tychem® chemical protection products**

**Typical chemical hazards/examples**

<table>
<thead>
<tr>
<th>Hazardous dry powders &amp; solids</th>
<th>Bloodborne pathogens &amp; inhaled</th>
<th>Light chemical splash &amp; aerosols</th>
<th>Moderate chemical splash</th>
<th>Potential flash fire exposure &amp; liquid organic chemicals</th>
<th>Heavy liquid chemical splash (hoses &amp; corrugations)</th>
<th>Chemical warfare &amp; gases (leaks &amp; corrosives)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particles</td>
<td>Aerosol</td>
<td>Light liquid splash*</td>
<td>Medium liquid splash</td>
<td>High liquid splash</td>
<td>Flammable liquids</td>
<td>Corrosives</td>
</tr>
<tr>
<td>Soot, dust</td>
<td>Inorganic matter</td>
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</tbody>
</table>
**DuPont™ ProShield® 6 SFR**
Original name: DuPont® Tempro

- Primary 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

<table>
<thead>
<tr>
<th>Coverall</th>
<th></th>
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<tbody>
<tr>
<td>TM205BUXX002500</td>
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<tr>
<td>Serged seams</td>
<td>Collar</td>
</tr>
<tr>
<td>Zipper closure</td>
<td>Storm flap</td>
</tr>
<tr>
<td>MD–6X</td>
<td></td>
</tr>
</tbody>
</table>

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.

**DuPont™ ProShield® 10**
Original name: ProShield® Basic

- 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® 10 is blue

<table>
<thead>
<tr>
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<th></th>
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<tbody>
<tr>
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<tr>
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</tr>
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<td>SM–7X</td>
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</tbody>
</table>

DuPont™ 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.

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.

<table>
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</tbody>
</table>

*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 for 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.*

<table>
<thead>
<tr>
<th>Lab coat</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PB205BUXX003000</td>
<td></td>
</tr>
<tr>
<td>Serged seams</td>
<td>Collar</td>
</tr>
<tr>
<td>Snap closure</td>
<td>Two pockets</td>
</tr>
<tr>
<td>SM–7X</td>
<td></td>
</tr>
</tbody>
</table>

Spunbond-meltblown-spunbond (SMS) garments
- Uses include general maintenance, janitorial/cleaning and other dirty work assignments

**DuPont™ ProShield® 10**

- Comfort and quality at an affordable price
- Spunbond-meltblown-spunbond (SMS) garments
### DuPont™ ProShield® 30

**Original name:** DuPont™ SureStep™

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boot cover</strong></td>
<td>PE4445WHXX010000</td>
<td>Serger seams, elastic openings, 13&quot; height, 100/cs, LG-XL</td>
</tr>
<tr>
<td><strong>Shoe cover</strong></td>
<td>PE4405WHXX020000</td>
<td>Serger seams, 5.5&quot; height, 200/ls, MG-XL</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Coverall</strong></td>
<td>NB1205WHXX0102500</td>
<td>Serger seams, collar, zipper closure, storm flap, SM-6X</td>
</tr>
<tr>
<td><strong>Coverall</strong></td>
<td>NB1255WHXX0202500</td>
<td>Serger seams, collar, zipper closure, storm flap, SM-6X</td>
</tr>
<tr>
<td><strong>Coverall</strong></td>
<td>NB1275WHXX0302500</td>
<td>Serger seams, attached hood, zipper closure, storm flap, SM-6X</td>
</tr>
<tr>
<td><strong>Apron</strong></td>
<td>NB273BWHXX010000</td>
<td>Bound seams, bound neck and ties, bib style, 28&quot; x 36&quot;, one size fits most</td>
</tr>
<tr>
<td><strong>Sleeves</strong></td>
<td>NB500SWHXX0200YU</td>
<td>Serger seams, elastic openings, 24&quot; length, one size fits most</td>
</tr>
</tbody>
</table>

- **ProShield® 50** 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.

**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. Serger 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® 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.

---

**Seams and closures have less barrier than fabric.**

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

---

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

---

**Customer service:** 1800 931 3456

**safespec.dupont.com**

dpp.dupont.com
DuPont™ ProShield® 60

Original name: ProShield® NexGen

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.

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 skid-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

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

Coverall NG120SWHXX002500
Serged seams
Collar
Zipper closure
Storm flap
Elastic ankles
SM–7X

Coverall NG125SWHXX002500
Serged seams
Attached hood
Collar
ZIPper closure
Storm flap
Elastic wrists
Elastic ankles
SM–6X

Coverall NG205SWHXX002500
Serged seams
Collar
Zipper closure
Storm flap
SM–6X

Apron NG273WHXO002500
Serged seams
Bound neck and tie
RB-style
28" x 36"
One size fits most

Lab coat NG232WHXO003000
Serged seams
Collar
Snap closure
Two pockets
SM–4X

Sleeves NG500SWHXX020000
Serged seams
Elastic openings
18" length
One size fits most

Sleeves NG605WHXO002000
Serged seams
Elastic openings
18" length
One size fits most

Coverall NG127SWHXX002500
Serged seams
Attached hood (respirator fit)
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
SM–7X

Coverall NG212SWHXX003000
Serged seams
Collar
Snap closure
Two pockets
SM–4X

Lab coat NG225WHXO003000
Serged seams
Collar
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
SM–5X

Lab coat NG275WHXO002500
Serged seams
Attached hood
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
SM–5X

Sleeves NG650WHXO002500
Serged seams
Elastic openings
18" length
One size fits most

Sleeves NG655WHXO002500
Serged seams
Elastic openings
18" length
One size fits most

Apron NG275WHXO002500
Serged seams
Bound neck
28" x 36"
One size fits most

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

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

ProShield® 70 is gray

LG = 8.25" high shoe cover

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

Provides non-hazardous liquid splash protection

ProShield® 70 is 70

Shoe cover P3450SGY000200LG
Serged seams
Elastic openings
10" height
ProShield® 70 fabric
Skid resistant
100/cs (50 pairs)
One size fits most

Shoe cover P3452SGYXX0000
Serged seams
Elastic openings
10" height
ProShield® 70 fabric
Skid resistant
100/cs (50 pairs)
One size fits most

Sleeves NG550WHXO002500
Serged seams
Elastic openings
18" length
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.

ProShield® 70 is 70

Shoe cover P3450SGY000200LG
Serged seams
Elastic openings
10" height
ProShield® 70 fabric
Skid resistant
100/cs (50 pairs)
One size fits most

Shoe cover P3452SGYXX0000
Serged seams
Elastic openings
10" height
ProShield® 70 fabric
Skid resistant
100/cs (50 pairs)
One size fits most

ProShield® 70 is white

Lab coat NG225WHXO003000
Serged seams
Collar
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
SM–5X

Lab coat NG275WHXO002500
Serged seams
Attached hood
Zipper closure
Storm flap
Elastic wrists
Elastic ankles
SM–5X

Apron NG275WHXO002500
Serged seams
Bound neck
28" x 36"
One size fits most

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

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

ProShield® 70 is gray

LG = 8.25" high shoe cover

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.

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.

ProShield® 70 is gray

LG = 8.25" high shoe cover
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

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® 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.

DuPont™ Tyvek® 400 D
Original name: Tyvek® Dual

Front with hood
Back

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

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 liquid splash applications.

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

ProShield® 10 is blue

Warning:
Tyvek® and ProShield® should not be used around heat, flames, or in potentially flammable or explosive environments. Garments made of Tyvek® and ProShield® 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.
**DuPont® Tyvek® 400**

*Original name: Tyvek®*

**Frock**
- TY213SWHXX003000
- TY213SWHXX0030VP
- MD–4X
- Serged seams
- Collar
- Snap closure
- Long sleeve

**Lab coat**
- TY213SWHXX000300
- TY213SWHXX000300G1
- MD–4X
- TY213SWHXX000300VP
- TY213SWHXX000300NF
- SM–3X
- Serged seams
- Elastic wrists
- Snap closure
- Long sleeve

**Shirt**
- TY303SWHXX000500
- SM–7X
- TY303SWHXX000500G1
- MD–4X
- TY303SWHXX000500VP
- MD–3X
- Serged seams
- Collar
- Snap closure
- Long sleeve

**Pants**
- TY305SWHXX000500
- SM–7X
- TY305SWHXX000500G1
- MD–4X
- TY305SWHXX000500VP
- MD–3X
- Serged seams
- Elastic wrists
- Snap closure
- Long sleeve

**Apron**
- TY273SWHXX000100
- TY273SWHXX000100VP
- Bound seams
- Bound neck & ties
- Bib style
- 28" x 36"
- One size fits most

**Sleeves**
- TY505SWHXX000200
- SM–7X
- TY505SWHXX000200G1
- MD–4X
- TY505SWHXX000200VP
- SM–5X
--Benztra® Compliant
- Serged seams
- Elastic openings
- 18" length
- One size fits most

**Hood**
- TY657SWHXX001000
- Serged seams
- Pulllover
- Elastic face opening
- One size fits most

**Skid-resistant materials for shoe/boot covers to prevent slipping**
- Tyvek® 400 with Friction Coating
- Tyvek® FC

**Level of protection**
- Tyvek® 400 FC
- Tyvek® FC fabric
- Serged seams
- Elastic openings
- Elastic ankle
- Elastic toe, sole and heel seams
- Skid resistant

**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.

**Note**
- Not all sizes available in all styles.
- Only NF option codes are USMCA/TAA compliant.

**Only NF option codes are USMCA/TAA compliant.**
Seams and closures have less barrier than fabric.

**DuPont™ Tyvek® 400 and Tyvek® 400 FC**

*Original name: Tyvek®*

**Shoe cover**
- TY450SWHXX020000
- Tyvek® fabric
- Serged seams
- Elastic openings
- 8.25" height
- One size fits most

**Boot cover**
- TY454SWHXX010000SR
- Tyvek® fabric
- Serged seams
- Elastic openings
- Elastic ankle
- 8" height
- Skid resistant
- LG = 8.25" high shoe cover
- NF = USMCA/TAA compliant
- SR = Skid resistant

**Level of protection**
- Tyvek® 400 FC
- Tyvek® FC fabric
- Serged seams
- Elastic openings
- Elastic ankle
- Elastic toe, sole and heel seams
- Skid resistant

**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.

**Note**
- Not all sizes available in all styles.
- Only NF option codes are USMCA/TAA compliant.

**Only NF option codes are USMCA/TAA compliant.**
Seams and closures have less barrier than fabric.

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

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

Warning: Tyvek® should not be worn in conditions where slipping could occur. Garments made of Tyvek® fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur. Certain accessory items are also identified as make to order. Stock/make-to-order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.
DuPont™ Tyvek® 800
Original name: new garment

DuPont™ Tychem® 2000 SFR
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, and 5-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.

Coverall

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

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.

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 worn when these chemicals are present.

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 approved per NFPA 2112 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 performances. 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.

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.

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.

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 Flame® IIIA or Nomex® Essential Flame® IIIA or Nomex® Essential Flame® IIIA. Comfort garments. In addition, for Tychem® 2000 SFR garments shall not contribute additional burn injury if appropriate primary FR apparel is worn beneath; for hooded coveralls, appropriate FR hoods should be worn.

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 Flame® IIIA or Nomex® Essential Flame® IIIA or Nomex® Essential Flame® IIIA. Comfort garments. In addition, for Tychem® 2000 SFR garments shall not contribute additional burn injury if appropriate primary FR apparel is worn beneath; for hooded coveralls, appropriate FR hoods should be worn.
### DuPont™ Tychem® 2000

**Original name: Tychem® QC**

#### Coverall

<table>
<thead>
<tr>
<th>Code</th>
<th>Details</th>
</tr>
</thead>
</table>
| QC120SYLXX01200 | Serged seams  
| QC120BYLXX01200 | Bound seams  
| QC272SYLXX01200 | Attached hood  
| QC272BYLXX01200 | Taped seams  
| QC273BYLXX0025HL | Bound seams  
| QC278BYLXX0025HL | Taped seams  

#### Apron

<table>
<thead>
<tr>
<th>Code</th>
<th>Details</th>
</tr>
</thead>
</table>
| QC373BYLXX001200 | Bound neck & ties  
| QC373TYLXX000400 | Bib style  
| QC3990YL000012NL | Hook-and-loop neck closure  

#### Sleeve

<table>
<thead>
<tr>
<th>Code</th>
<th>Details</th>
</tr>
</thead>
</table>
| QC500BYLXX002000 | Bound seams  

#### Tape

<table>
<thead>
<tr>
<th>Code</th>
<th>Details</th>
</tr>
</thead>
</table>
| QC09090YL000012NL | Flexible seal  

#### Tychem® 2000 SFR garments

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

### Tychem® 2000 SFR garments

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

### Tychem® 2000 Tape

- **Flexible seal**  
- **60 yds/roll**  
- **2" width**

#### Tychem® 2000 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 Level of protection

<table>
<thead>
<tr>
<th>Tychem® 2000</th>
<th>Level of Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tychem® 2000</td>
<td>100% Liquid splash protection</td>
</tr>
</tbody>
</table>

### Tychem® 2000 Explosive environments

- Tychem® 2000 Tape, should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

### Tychem® 2000 Flame or Tychem® 1000 FR garments

- Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, Nomex® Essential (Kevlar® 14A) 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® 1000 FR, Tychem® 10000 FR 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 a chemical barrier fabric 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.

Warning:

Most Tychem® garments, including Tychem® 4000, should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

SFR garments should not be used as outerwear. These garments are designed for secondary flame-resistance and are intended to be used over primary flame-resistant garments. Users of Tychem® 10000 FR, SFR hooded garments, should not enter an explosive environment. Consult the Tychem® User Manual, located in the archive, for instructions on proper use, care and maintenance of your Tychem® garments.

Note: Not all sizes available in all styles.

Any bit 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.

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.

Slim fit: extends to the neck for complete coverage of the neck area. Standard fit: extends to the neck only. See page 11 for photos.

Customer service 1 800 931 3456 safespec.dupont.com dpp.dupont.com
DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

Permeation performance. Please check SafeSPEC™ designations are subject to change without notice. Stock/make to order designations are based on sales volume and production efficiencies. Therefore, Tychem® 5000 is tan for permeation data that meets your specific needs.

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

These Tychem® 5000 garments have attached socks. Do not have adequate durability or slip resistance to be worn as the outer foot covering. These attached socks must be worn inside protective outer footwear and are made of the garment material. These attached socks 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 consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Seams and closures have less barrier than fabric./n

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.

DuPont™ Tychem® 5000

Original name: Tychem® CPF 3

Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ for permeation data that meets your specific needs. Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice. These Tychem® 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. These attached socks 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 consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Seams and closures have less barrier than fabric.
Tychem® 2000 Tape, should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Most Tychem® garments, including

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

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

Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments are designed and tested to help reduce injury during escape from a flash fire. ProShield® 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® 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 should be aware of the potential exposure to airborne material, dust, and particulate. We recommend that the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed anointed to help reduce injury during escape from a flash fire. ProShield® 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® 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 should be aware of the potential exposure to airborne material, dust, and particulate. We recommend that the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

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

Encapsulated Level B

Rear entry
Taped seams
Standard facedshield (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

C3152TTNXX000600

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

C3526TTNXX000600

Front entry
Taped seams
Encapsulated Level B
Double storm flaps
Std faceshiled
Mandarin collar
Taped seams
Jacket

C3150TTNXX000600

Front entry
Taped seams
Encapsulated Level B
Double storm flaps
Std faceshiled
Mandarin collar
Taped seams
Bib overall

C3800TTNXX000600

Taped seams
Adjustable webbing straps with closure
MD–4X

SFR garments should not knowingly enter an explosive 
environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. ProShield® 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® 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 should be aware of the potential exposure to airborne material, dust, and particulate. We recommend that the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ for permeation data that meets your specific needs. Stocklistde 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.
Permeation performance. Please check SafeSPEC™ or double storm flap, see product description for details. Storm flaps: All taped seam coveralls have a storm flap designations are subject to change without notice. Sales volume and production efficiencies. Therefore, Stock/make to order designations are based on for permeation data that meets your specific needs. 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. Storm flap: 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.

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 >80 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

Coverall—certified to NFPA 1992

Coverall—certified to NFPA 1992

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. Please check SafeSPEC™ for permeation data that meets your specific needs. Stock/bulk orders 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 neck for complete coverage of the neck area. Standard hoods only extend to the neck. Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Only TV option codes are TAA compliant. Tychem® 6000 is a barrier film laminated to Tyvek® Tychem® 6000 is available in >180 chemical challenges and is 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 FR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ for permeation data that meets your specific needs. Stock/bulk orders 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 neck for complete coverage of the neck area. Standard hoods only extend to the neck. Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Tychem® 6000 is available in >180 chemical challenges and is 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.

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. Please check SafeSPEC™ for permeation data that meets your specific needs. Stock/bulk orders 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 neck for complete coverage of the neck area. Standard hoods only extend to the neck. Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Tychem® 6000 is available in >180 chemical challenges and is 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 FR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ for permeation data that meets your specific needs. Stock/bulk orders 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 neck for complete coverage of the neck area. Standard hoods only extend to the neck. Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Tychem® 6000 is available in >180 chemical challenges and is 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 FR, 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.

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

Customer service 1 800 931 3456 safespec.dupont.com dpp.dupont.com
DuPont™ Tychem® 6000 FR
Original name: Tychem® ThermoPro

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

Construct 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.

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

TP199TORXX0002BN
TP198TORXX0002BN

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

Only BN option codes are Berry Amendment compliant.

Note: Not all sizes available in all styles.
Seams and closures have less barrier than fabric.
Stock/make to order designations are based on permeation data that meets your specific needs.
Designations are subject to change without notice.

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 to be used over primary flame-resistant garments, included but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments.

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.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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 SafeSPEC® for permeation data that meets your specific needs.

Stock/make to order designations are subject to change without notice.
Seams and closures have less barrier than fabric.
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.

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 subject to change without notice.
Seams and closures have less barrier than fabric.
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.

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Stock/make to order designations are subject to change without notice.
Seams and closures have less barrier than fabric.
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.

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 subject to change without notice.
Seams and closures have less barrier than fabric.
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.

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 subject to change without notice.
Seams and closures have less barrier than fabric.
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.

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 subject to change without notice.
Seams and closures have less barrier than fabric.
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.

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 subject to change without notice.
Seams and closures have less barrier than fabric.
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.

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 subject to change without notice.
Seams and closures have less barrier than fabric.
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.

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 subject to change without notice.
Seams and closures have less barrier than fabric.
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.

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 subject to change without notice.
Seams and closures have less barrier than fabric.
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.

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 subject to change without notice.
Seams and closures have less barrier than fabric.
Not all sizes available in all styles.
DuPont ™ Tychem® Responder® CSM

Original name: Tychem® RESPER® CSM

High-level protection against toxic and corrosive gaseous, liquid and solid chemicals
Used for military weapon demilitarization
Suitable 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 >20 chemical challenges
Tychem® Responder® CSM is tan for discretionary purposes and features a low-visibility patch
All Tychem® Responder® CSM levels are USMCA/TAA compliant

Encapsulated Level A
RC50TNNXXX000100
XS–5X
RC50TNNXXX00017C
MD–4X
RC50TNNXXX00017W
YS–6X

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

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

DuPont™ Tychem® 10000

Original name: Tychem® TK

High-level protection against toxic and corrosive gaseous, liquid and solid chemicals
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 >200 chemical challenges
Tychem® TK620T/TK1 certified to NFPA 1994 Class 2, Standard on Protective Ensembles for First Responders to Hazardous Materials Emergencies and CBRN Terrorism Incidents

Tychem® 10000 is lime yellow for high visibility
All Tychem® 10000 encapsulated suits are USMCA/TAA compliant
All Tychem® 10000 encapsulated Level A and Level B 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.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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 SafeSPEC™ for permeation data that meets your specific needs.

Warning: Most Tychem® garments, including Tychem® 2000 Tape, 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 SafeSpec for permeation data that meets your specific needs.

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

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

*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.

“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 CBIR 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.
DuPont™ Tychem® accessories

Tychem® 10000 fully encapsulated training suit
TKS865LXYX000100
Front entry, MD–4X
TKS867LXYX000100
Front entry, MD–6X
TKS875LXYX000100
Rear entry, MD–4X

• USMCA/TAA COMPLIANT
• EX (extra-wide) face shield (20 mil PVC)
• Zipper closure
• Storm flap over zipper
• Internal waist belt
• Expanded back
• Attached butyl gloves
• Attached socks
• Outer boot flaps
• Clearly labeled as a training suit

Glove ring assembly—Male glove insert
99961000000002DL

Auer® adapters for test kits
9911600000000100
Adapters to test DuPont™ Tychem® Level A suits

Pirelli® adapters for test kits
9993900000000100
Adapters to test DuPont™ Tychem® Level A suits

Pirelli® exhaust diaphragm
9912200000000100 1/cs
9912200000000200 2/cs
9912200000000300 3/cs
Replacement valves for Level A suits

Pirelli® air relief exhaust valve
9993700000000100
Replacement valves for Level A suits

Universal pressure test kit
99081000000001UV
The universal pressure test kit is designed for periodic air pressure testing on all Level A fully encapsulated suits.

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

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/facepieces should be worn. (See of Tychem® 2000 FR, Tychem® 6000 FR, Tychem® 10000 FR, ProShield® 6 SFR, and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/facepieces should be worn.)

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

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

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.

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.

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.

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.

Cost control:

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

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
- **OS** Sterile, individually packaged and sterilized by gamma irradiation
- **OC** Clean, clean-processed, individually packaged
- **00** Bulk packaged
- **PI** Individually packaged
- **BH** 50/bag
- **MP** Multipack

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.

**Hazards**

- Non-hazardous, dry particles

**Environment**

ISO Class 5: Aseptic Cleanrooms (Former FED-STD-500, Class 100)

**Considerations**

- Tyvek® IsoClean® sterile garments offer excellent cleanliness, barrier and sterility assurance level.

**Hazards**

- Non-hazardous, light liquid splash

**Environment**

ISO Class 6, 7 and 8: Biocontainment Control Areas (Former FED-STD-209E; Class 1000, 10,000 and 100,000)

**Considerations**

- Tyvek® IsoClean® sterile garments offer excellent cleanliness, barrier and sterility assurance level.

**Hazards**

- Hazardous powders: Notice: DuPont Controlled Environments garments should not be used in potentially exploitable or flammable environments.

**Environment**

ISO Class 7 and 8: Cleanrooms (Former FED-STD-209E; Class 1000, 10,000 and 100,000)

**Considerations**

- ProClean® provides an effective barrier against a variety of common non-hazardous liquids.

**Hazards**

- Hazardous liquid splash: Examples: organic solvents, caustics

**Environment**

ISO Class 6, 7 and 8: Aseptic Cleanrooms (Former FED-STD-209E; Class 1000, 10,000 and 100,000)

**Considerations**

- Use bound seam garments when working with hazardous powders.

**Hazards**

- Electric arc, industrial fire hazard, welding

**Environment**

ISO Class 6, 7 and 8: Aseptic Cleanrooms (Former FED-STD-209E; Class 1000, 10,000 and 100,000)

**Considerations**

- Please refer to DuPont™ Nomex® for flame-resistant apparel.

**Hazards**

- Industrial fire hazard, welding

**Environment**

ISO Class 6, 7 and 8: Aseptic Cleanrooms (Former FED-STD-209E; Class 1000, 10,000 and 100,000)

**Considerations**

- Please refer to DuPont™ Tychem® for liquid and vapor chemical protection.

**Hazards**

- Light liquid splash

**Environment**

ISO Class 5: Aseptic Cleanrooms (Former FED-STD-500, Class 100)

**Considerations**

- Do Not Use

**Environment**

ISO Class 5: Aseptic Cleanrooms (Former FED-STD-500, Class 100)

**Considerations**

- Barrier properties may be compromised through use.

**Environment**

ISO Class 5: Aseptic Cleanrooms (Former FED-STD-500, Class 100)

**Considerations**

- **Packaged individually.**
- **Barrier properties may be compromised through use.**
- **Not recommended.**
NOTE: Please substitute your size for XX when ordering. See page 8 for full part number description.

DuPont Controlled Environments

Coverall
- IC108SWHXX0025TS
  - SM-X
  - Double-bagged
  - PVC soles
  - 25/cs

Coverall
- IC238WHX00025S
  - SM-X
  - Elastic wrists
  - Standard collar
  - Attached thumb loops
  - Attached boots with PVC soles

Lab coat
- IC254BWHXX0025CS
  - SM-X
  - Bound seams
  - Bound neck
  - Bound cuffs

Frock
- IC270BWHXX00300D
  - SM-X
  - Elastic wrists
  - Front zipper closure

Shoe cover
- IC453SWHXX00300D
  - SM-X
  - Elastic options

Boot cover
- IC460BWHXX00100D
  - MD-XL

Hood
- IC668BWH0001000S
  - Universal sizing (XX)

Sleeves
- IC500BWH0001000D
  - Universal sizing (XX)

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® IsoClean®
Made from Tyvek® brand flashspun polyethylene 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

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.

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DuPont Controlled Environments

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Shoe cover—ProShield® 30
- PE440SBUXX020000
- Serged seams
- Elastic openings
- 5.5" height
- 200/cs (100 pairs)
- LG–XL

Boot cover—ProShield® 30
- PE444SBUXX010000
- Serged seams
- Elastic openings
- Elastic ankles
- 13" height
- 100/cs (50 pairs)
- LG–XL

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
- PE440SBUX020000
- Serged seams
- Elastic openings
- 200/cs (100 pairs)
- LG–XL

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

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.
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.
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.

Are your workers really protected?

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: 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.
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.

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.
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.
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
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® 2000 FR garments are designed and tested to help environments. Instead, consider use of flame-resistant or secondary flame-resistant garments, Tyvek® coveralls and ProShield® 6000 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.

**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® 2000 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 hoods, 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.

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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