DuPont Personal Protection – 2018 Product Catalog

Introducing our new, simplified product identification system.
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<th><strong>Original Garment Name</strong></th>
</tr>
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<td>14 ProShield® 6 SFR</td>
<td>DuPont® Tempro®</td>
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<td>15 ProShield® 10</td>
<td>ProShield® Basic</td>
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<td>16 ProShield® 50</td>
<td><em>new garment</em></td>
</tr>
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</tr>
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<td>18 ProShield® 70</td>
<td>ProShield® 3</td>
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<table>
<thead>
<tr>
<th><strong>Tyvek® Garments</strong></th>
<th><strong>Original Garment Name</strong></th>
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<tr>
<td>19 Tyvek® 400 D</td>
<td>Tyvek® Dual</td>
</tr>
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<td>20 Tyvek® 400</td>
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</tr>
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<td>23 Tyvek® 500</td>
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</tr>
<tr>
<td>23 Tyvek® 600</td>
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</tr>
<tr>
<td>24 Tyvek® 800</td>
<td><em>new garment</em></td>
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<table>
<thead>
<tr>
<th><strong>Tychem® Garments</strong></th>
<th><strong>Original Garment Name</strong></th>
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</thead>
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<tr>
<td>25 Tychem® 2000 SFR</td>
<td><em>new garment</em></td>
</tr>
<tr>
<td>27 Tychem® 2000</td>
<td>Tychem® QC</td>
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<tr>
<td>28 Tychem® 4000</td>
<td>Tychem® SL</td>
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<td>30 Tychem® 5000</td>
<td>Tychem® CPF 3</td>
</tr>
<tr>
<td>34 Tychem® 6000</td>
<td>Tychem® F</td>
</tr>
<tr>
<td>36 Tychem® 6000 FR</td>
<td>Tychem® ThermoPro</td>
</tr>
<tr>
<td>38 Tychem® 9000</td>
<td>Tychem® BR</td>
</tr>
<tr>
<td>40 Tychem® RESPONDER® CSM</td>
<td>Tychem® Responder® CSM</td>
</tr>
<tr>
<td>41 Tychem® 10000</td>
<td>Tychem® TK</td>
</tr>
<tr>
<td>43 Tychem® 10000 FR</td>
<td>Tychem® Reflector®</td>
</tr>
<tr>
<td>44 DuPont® Tychem® Accessories</td>
<td></td>
</tr>
</tbody>
</table>

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- 45 Sizing charts

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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.

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

- DuPont® Tychem® Orange
- DuPont® Tyvek® Blue
- DuPont® ProShield® Gray

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.
<table>
<thead>
<tr>
<th>Original Product</th>
<th>New Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tychem® Reflector®</td>
<td>Tychem® 10000 FR</td>
</tr>
<tr>
<td>Tychem® TK</td>
<td>Tychem® 10000</td>
</tr>
<tr>
<td>Tychem® Responder® CSM</td>
<td>Tychem® RESPONDER® CSM</td>
</tr>
<tr>
<td>Tychem® BR</td>
<td>Tychem® 9000</td>
</tr>
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<td>Tychem® ThermoPro</td>
<td>Tychem® 6000 FR</td>
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<tr>
<td>Tychem® F</td>
<td>Tychem® 6000</td>
</tr>
<tr>
<td>Tychem® CPF 3</td>
<td>Tychem® 5000</td>
</tr>
<tr>
<td>Tychem® SL</td>
<td>Tychem® 4000</td>
</tr>
<tr>
<td>Tychem® QC</td>
<td>Tychem® 2000</td>
</tr>
<tr>
<td>new garment</td>
<td>Tychem® 2000 SFR</td>
</tr>
<tr>
<td>new garment</td>
<td>Tyvek® 800</td>
</tr>
<tr>
<td>Tyvek® Plus</td>
<td>Tyvek® 600</td>
</tr>
<tr>
<td>Tyvek® Xpert</td>
<td>Tyvek® 500</td>
</tr>
<tr>
<td>Tyvek®</td>
<td>Tyvek® 400</td>
</tr>
<tr>
<td>Tyvek® Dual</td>
<td>Tyvek® 400 D</td>
</tr>
<tr>
<td>ProShield® 3</td>
<td>ProShield® 70</td>
</tr>
<tr>
<td>ProShield® NexGen®</td>
<td>ProShield® 60</td>
</tr>
<tr>
<td>new garment</td>
<td>ProShield® 50</td>
</tr>
<tr>
<td>ProShield® Basic</td>
<td>ProShield® 10</td>
</tr>
<tr>
<td>DuPont® Tempro®</td>
<td>ProShield® 6 SFR</td>
</tr>
</tbody>
</table>

---

**LEVEL OF PROTECTION**

- **Heavy Chemical Exposure**
  - Flame resistance
  - Flame resistant
  - Flame resistant
  - Flame resistant
  - Flame resistant
  - Flame resistant
  - Flame resistant
  - Flame resistant
  - Flame resistant
  - Flame resistant

- **Light Chemical Exposure**
  - Flame resistant
  - Flame resistant
  - Flame resistant
  - Flame resistant
  - Flame resistant
  - Flame resistant
  - Flame resistant

- **Non-hazardous particles**
  - Flame resistant
  - Flame resistant
  - Flame resistant
  - Flame resistant

- **Hazardous particles**
  - Flame resistant
  - Flame resistant

- **Non-hazardous light liquid splash and aerosols**
  - Flame resistant

- **Non-hazardous particles, liquids and aerosols**
  - Flame resistant

- **Non-hazardous particles and aerosols**
  - Flame resistant

- **Flame resistance**

---

D = Dual  
FR = Flame Resistant  
SFR = Secondary Flame Resistant

Customer Service 1-800-931-3456  
SafeSPEC.DuPont.com  
PersonalProtection.DuPont.com
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 DuPont™ Tychem® and DuPont™ Tyvek® to SMS and microporous film fabrics, DuPont offers a variety of fabrics with different levels of comfort, durability, breathability and protection to meet your specific needs.

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

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

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

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

**Fabric technologies typically used in protective garments.**

*All images are magnified.*

**Exclusive DuPont Technologies**

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

- **DuPont™ Tyvek®**
  Tyvek® is 100% high-density polyethylene fibers entangled into a protective material— with no fillers or thin films to wear away. Made only by DuPont, it offers superior protection and durability.

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

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

- **Spunbound Polypropylene (SBPP)**
  With their highly open structure, SBPP fabrics offer negligible barrier protection.
Choosing a Garment

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

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

The high-visibility colors chosen for DuPont™ Tychem® fabrics were based on extensive research. For example, the human eye is more sensitive to the lime yellow of Tychem® 10000 and the safety yellow color of Tychem® 9000 and Tychem® 2000 fabrics. On the other hand, there are instances when being visible is dangerous. When discretion is preferred—or required—special low-visibility fabrics, such as Tychem® 2000 SFR and Tychem® 5000, are harder to see and blend into a variety of environments.

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

Hoods
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 and Tychem® 9000 Level A garments feature a wrap-around design that provides ample room for a mask-mounted regulator. This faceshield is wider and longer, providing expanded peripheral and vertical viewing.
Product Part Numbers

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

TY 120 S WH LG 0025 00

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

**Abbreviations**

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

**DuPont™ Tyvek®**
- TJ 800 J
- TY 6000
- TY 500
- TY 400
- TD 400 D
- FC 400 FC

**DuPont™ ProShield®**
- P3 70
- NG 60
- NB 50
- PB 10
- TM 6 SFR

**Style**
The next four characters describe the garment style.

**Abbreviations**

**DuPont™ Tychem®**
- RF 10000 FR
- TK 10000
- RC RESPONDER® CSM

**DuPont™ Tyvek®**
- TJ 800 J
- TY 6000
- TY 500
- TY 400
- TD 400 D
- FC 400 FC

**DuPont™ ProShield®**
- P3 70
- NG 60
- NB 50
- PB 10
- TM 6 SFR

**Seam Construction**
The Abbreviations:
- S - Serged or Sewn
- B - Bound
- T - Taped or Double Taped

See page 7 for details.

**Color**
DuPont offers a wide array of garment styles—from hoods, aprons and coveralls to fully encapsulated suits. Each garment style has a unique three-digit code.

**Abbreviations**
- BU - Blue
- GR - Green
- GY - Gray
- LY - Lime Yellow
- OR - Orange
- SV - Silver
- TN - Tan
- WH - White
- YL - Yellow

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

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

**Case Count**
The number of garments per case.

**Options**
Abbreviations such as

**TVP** 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.

**Stock Items versus Make to Order**
For ProShield® and Tyvek® garments, sizes Medium to 4X are identified as stock items. Sizes Small and 5X and above are identified as Make to Order. Certain accessory items are also identified as Make to Order.

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

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

*Not all sizes are available in all styles.

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

*Not all sizes are available in all styles.
Product Part Numbers

Option code abbreviations

00 Standard offering
0B Bulk pack
2K Double storm flap w/zipper & hook-and-loop closure
5C Showa Best® 892 outer glove
5V Showa Best® 890
7C MSA connector pass-thru CAMDS (#491335) right side
7M MSA dual purpose w/Foster fitting 990060
7N MSA quick fill w/Schrader fitting 990190
7R MSA dual purpose #495670 Hansen fitting (left front waist)
7S Scott® pass-thru #803620-01 Hansen fitting (right side)
7W Interspiro pass-thru #33689006
BN Berry Amendment compliant
G1 Reduced case quantity
JF CPE sleeve cuff and jam fit glove insert
LG 8.25˝ high shoe cover
NF NAFTA sourced
NP Respirator fit hood and storm flap
NS Non-skid material
PI Packaged individually
SR Skid-resistant
TV Trade Agreement Act compliant
VP Vend packed
WG With gloves

Option codes for Tyvek® IsoClean® garments*:

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

*See pages 46-49 for Tyvek® IsoClean® garments.

Product Packaging

Vend packed

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

New Packaging

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

### MID LEVEL

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Physical Phase</th>
<th>Tychem® 2000 SFR New Garment</th>
<th>Tychem® 2000** QC</th>
<th>Tychem® 4000* SL</th>
<th>Tychem® 5000 CPF 3</th>
<th>Tychem® 6000 F</th>
<th>Tychem® 6000 FR Thermopro</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (95%)</td>
<td>67-64-1</td>
<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>imm.</td>
<td>480</td>
<td>480</td>
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<tr>
<td>Acetonitrile (95%)</td>
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<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>60</td>
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<tr>
<td>Ammonia (95%)</td>
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<td>G</td>
<td>nt</td>
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<td>1, 3-Butadiene (95%)</td>
<td>106-99-0</td>
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<td>nt</td>
<td>imm.</td>
<td>480</td>
<td>480</td>
<td>480</td>
</tr>
<tr>
<td>Carbon disulfide (95%)</td>
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<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>imm.</td>
<td>16</td>
<td>480</td>
</tr>
<tr>
<td>Chlorine (95%)</td>
<td>7782-50-5</td>
<td>G</td>
<td>nt</td>
<td>imm.</td>
<td>480</td>
<td>imm.</td>
<td>480</td>
</tr>
<tr>
<td>Dichloromethane (95%)</td>
<td>75-09-2</td>
<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>imm.</td>
<td>imm.</td>
<td>imm.</td>
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<tr>
<td>Diethylamine (95%)</td>
<td>109-89-7</td>
<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>15</td>
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<td>480</td>
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<tr>
<td>N, N-Dimethylformamide (95%)</td>
<td>68-12-2</td>
<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>90</td>
<td>480</td>
<td>480</td>
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<tr>
<td>Ethyl acetate (95%)</td>
<td>141-78-6</td>
<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>imm.</td>
<td>imm.</td>
<td>imm.</td>
</tr>
<tr>
<td>Ethylene oxide (95%)</td>
<td>75-21-8</td>
<td>G</td>
<td>nt</td>
<td>imm.</td>
<td>imm.</td>
<td>480</td>
<td>480</td>
</tr>
<tr>
<td>n-Hexane (95%)</td>
<td>110-54-3</td>
<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>imm.</td>
<td>480</td>
<td>480</td>
</tr>
<tr>
<td>Hydrogen chloride (95%)</td>
<td>7647-01-0</td>
<td>G</td>
<td>nt</td>
<td>imm.</td>
<td>480</td>
<td>480</td>
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</tr>
<tr>
<td>Methanol (95%)</td>
<td>67-56-1</td>
<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>480</td>
<td>imm.</td>
<td>117</td>
</tr>
<tr>
<td>Methyl chloride (95%)</td>
<td>74-87-3</td>
<td>G</td>
<td>nt</td>
<td>imm.</td>
<td>480</td>
<td>480</td>
<td>480</td>
</tr>
<tr>
<td>Nitrobenzene (95%)</td>
<td>98-95-3</td>
<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>57</td>
<td>480</td>
<td>480</td>
</tr>
<tr>
<td>Sodium hydroxide (50%)</td>
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<td>L</td>
<td>&gt;480</td>
<td>&gt;480</td>
<td>&gt;480</td>
<td>&gt;480</td>
<td>&gt;480</td>
</tr>
<tr>
<td>Sulfuric acid (95%)</td>
<td>7664-93-9</td>
<td>L</td>
<td>&gt;480</td>
<td>&gt;480</td>
<td>&gt;480</td>
<td>&gt;480</td>
<td>&gt;480</td>
</tr>
<tr>
<td>1, 1, 2, 2-Tetrachloroethylene (95%)</td>
<td>127-18-4</td>
<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>imm.</td>
<td>480</td>
<td>480</td>
</tr>
<tr>
<td>Tetrahydrofuran (95%)</td>
<td>109-99-9</td>
<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>imm.</td>
<td>480</td>
<td>480</td>
</tr>
<tr>
<td>Toluene (95%)</td>
<td>108-88-3</td>
<td>L</td>
<td>nt</td>
<td>imm.</td>
<td>imm.</td>
<td>480</td>
<td>480</td>
</tr>
</tbody>
</table>

### Chemical Warfare Agents**

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>Physical Phase</th>
<th>Tychem® 2000 SFR New Garment</th>
<th>Tychem® 2000** QC</th>
<th>Tychem® 4000* SL</th>
<th>Tychem® 5000 CPF 3</th>
<th>Tychem® 6000 F</th>
<th>Tychem® 6000 FR Thermopro</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lewisite (L)</td>
<td>541-25-3</td>
<td>L</td>
<td>nt</td>
<td>nt</td>
<td>&gt;3601</td>
<td>1201</td>
<td>3602</td>
<td>3602</td>
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<tr>
<td>Mustard (HD)</td>
<td>505-60-2</td>
<td>L</td>
<td>nt</td>
<td>nt</td>
<td>&gt;4801</td>
<td>1201</td>
<td>&gt;4802</td>
<td>&gt;4802</td>
</tr>
<tr>
<td>Tabun (GA)</td>
<td>77-81-6</td>
<td>L</td>
<td>nt</td>
<td>nt</td>
<td>nt</td>
<td>nt</td>
<td>&gt;4804</td>
<td>&gt;4804</td>
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<tr>
<td>Sarin (GB)</td>
<td>107-44-8</td>
<td>L</td>
<td>nt</td>
<td>nt</td>
<td>&gt;4801</td>
<td>&gt;1203</td>
<td>&gt;4804</td>
<td>&gt;4804</td>
</tr>
<tr>
<td>Soman (GD)</td>
<td>99-64-0</td>
<td>L</td>
<td>nt</td>
<td>nt</td>
<td>&gt;4801</td>
<td>&gt;4804</td>
<td>&gt;4804</td>
<td>&gt;4804</td>
</tr>
<tr>
<td>VX Nerve Agent</td>
<td>50782-69-9</td>
<td>L</td>
<td>nt</td>
<td>nt</td>
<td>&gt;4803</td>
<td>&gt;4804</td>
<td>&gt;4804</td>
<td>&gt;4804</td>
</tr>
</tbody>
</table>

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

** Normalized Breakthrough Time (NBT) shown in minutes.

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

1. Protocol DN3-MIL-STD-282, Method T-209 (HD) or modified for Lewisite, for 12 hours at 10 g/m².
2. Protocol DN4-MIL-STD-282, Method T-209 (HD) or modified for Lewisite, for 12 hours at 100 g/m² (total coverage).
3. Protocol DN5-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, for 12 hours at 10 g/m².
4. Protocol DN6-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, for 12 hours at 100 g/m² (total coverage).
## Permeation Data

### 21 Industrial Chemicals

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Physical Phase</th>
<th>Tychem® 9000</th>
<th>Tychem® RESPONDER® CSM</th>
<th>Tychem® 10000</th>
<th>Tychem® 10000 FR</th>
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<tbody>
<tr>
<td>Acetone</td>
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<td>1, 3-Butadiene</td>
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<td>Carbon disulfide</td>
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<td>Methyl chloride</td>
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<td>1, 1, 2, 2-Tetrachloroethylene</td>
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<td>Tetrahydrofuran</td>
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</table>

### Chemical Warfare Agents**

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>Physical Phase</th>
<th>Tychem® 9000</th>
<th>Tychem® RESPONDER® CSM</th>
<th>Tychem® 10000</th>
<th>Tychem® 10000 FR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lewisite (L)</td>
<td>541-25-3</td>
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<td>&gt;480</td>
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<td>Mustard (HD)</td>
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<td>Tabun (GA)</td>
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<td>Soman (GD)</td>
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<td>VX Nerve Agent</td>
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</tbody>
</table>

* 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.

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

1. Protocol DN3-MIL-STD-282, Method T-209 (HD) or modified for Lewisite, at 10 g/m².
2. Protocol DN4-MIL-STD-282, Method T-209 (HD) or modified for Lewisite, at 100 g/m² (total coverage).
3. Protocol DN5-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, at 100 g/m² (total coverage).
4. Protocol DN6-MIL-STD-282, Method T-208 (GB) or modified for GA, GD and VX, at 100 g/m² (total coverage).

---

** Normalized Breakthrough Time (NBT) shown in minutes.

** Actual Breakthrough Time in minutes.

Permeation testing on chemicals is in accordance with ASTM F739, Standard Test Method for Resistance of Protective Clothing Materials to Permeation by Liquids or Gases Under Conditions of Continuous Contact. All tests are conducted at room temperature unless otherwise noted. Reported results are Normalized Breakthrough Times defined by ASTM F739 as the time (in minutes) when the permeation rate reaches 0.1 µg/cm²/min.
Product Line by Hazard

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

To get the most out of your Personal Protective Equipment (PPE), it is necessary to understand where the products are intended to be used. DuPont™ SafeSPEC™ is a sophisticated, easy-to-use interactive tool that provides suggestions for chemical protective clothing based on the user’s hazard scenario. Our database includes the permeation data of hundreds of chemicals, including warfare agents and the ASTM F1001 standard list of challenge chemicals. This tool can be accessed on our website at SafeSPEC.DuPont.com. To provide a quicker overview of our products and where they are ideally suited for use, we developed the simple guide below. Our goal was to match the level of protection and value for a given exposure hazard.

DuPont™ 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>
</tbody>
</table>

**Garment**

General dirt & grease, Animal waste, Sanding & grinding waste, Spray paint, Oil & grease, Latex-coats, Fertilizer, Sewage, Fertilizer

**Particles**

Asbestos, Lead, Chromium, Beryllium, Molybdenum, Welding fume, Carbon fiber, Isocyanate containing

**Aerosol**

Sulfuric acid (30%), Sulfuric acid (40%), Sodium hydroxide/acid (80%)

**Light liquid splash**

30%, 40%, 50%

**Flame**

Resistant

<table>
<thead>
<tr>
<th>Tyvek® 400</th>
<th>Tyvek® 500</th>
<th>Tyvek® 600</th>
<th>Tyvek® 800 J</th>
<th>ProShield® 60</th>
<th>ProShield® 50</th>
<th>ProShield® 10</th>
<th>ProShield® 6 SFR</th>
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<td>✔</td>
</tr>
</tbody>
</table>

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

**ProShield® 6 SFR garments offer secondary flame resistance and are to be worn over primary flame-resistant garments such as Nomex® IIIA.**

It is the user’s responsibility to determine the nature and level of hazard and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. It is intended for use, care and maintenance of your Tychem® garments.

**WARNINGS:**

1) Tyvek® and ProShield® garments should not be used around heat, flame, sparks or in potentially flammable or explosive environments. ProShield® 6 SFR garments offer secondary flame resistance and are to be worn over primary flame-resistant garments such as Nomex® IIIA.

2) Garments should have slip-resistant or anti-slip materials on the outer surface of boots, shoes or other garment surfaces in conditions where slipping may occur.

3) Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

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

5) Tyvek® coveralls and ProShield® 60 coveralls can be considered for use with the appropriate respirators and other suitable PPE to minimize contact with isocyanate paint aerosols. Tyvek® garments are not appropriate if they are getting wet (paint is dripping or running, or wet to the touch); or if spotting is observed on the 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.

LATEx STATEment: As of January 1, 2006, DuPont production specifications exclude use of components containing natural rubber latex in the manufacture of DuPont® Tyvek® IsoClean®, Sierra®, and ProClean® garments. Tyvek® 500, Tyvek® 600 and Tyvek® 800 J contain natural rubber latex, which may cause allergic reactions in some sensitized individuals. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products. The incident should also be reported to DuPont at 1-800-441-3637 so that an investigation can be initiated.
# Product Line by Hazard

## DuPont® Tychem® Chemical Protection Products

### Typical Chemical Hazards/Examples

<table>
<thead>
<tr>
<th>Garment</th>
<th>Hazardous dry powders &amp; solids</th>
<th>Bloodborne pathogens &amp; biohazards</th>
<th>Light chemical splash &amp; aerosols</th>
<th>Moderate liquid chemical splash</th>
<th>Potential flash fire exposure &amp; liquid organic chemicals</th>
<th>Heavy liquid chemical splash (toxics &amp; corrosives)</th>
<th>ChemBio &amp; warfare agents</th>
<th>Chemical vapors &amp; gases (toxics &amp; corrosives)</th>
<th>NFPA Ensembles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tychem® 2000</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<td>*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.</td>
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<td>Tychem® 2000 SFR</td>
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<td>*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.</td>
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<td>Tychem® 4000</td>
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<td>*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.</td>
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<td>*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.</td>
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<td>*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.</td>
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<td>*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.</td>
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<td>*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.</td>
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<tr>
<td>Tychem® RESPONDER® CSM</td>
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<td>●</td>
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<td>●</td>
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<td>*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.</td>
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<tr>
<td>Tychem® 10000</td>
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<td>*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.</td>
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<tr>
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<td>*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.</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.

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

1Styles do not have storm flaps.

2These ProShield® 6 SFR garments have attached boot covers made of the garment material. These attached boot covers must be worn inside protective outer footwear and are not suitable as outer footwear. These attached boot covers do not have adequate durability or slip resistance to be worn as the outer foot covering.

Note: Not all sizes available in all styles.

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.

Customer Service 1-800-931-3456  SafeSPEC.DuPont.com  PersonalProtection.DuPont.com
DuPont™ ProShield® 10
Original Name: ProShield® Basic

Coverall
- PB120SWHXX002500
- PB120SBUXX002500
  - serged seams
  - collar
  - front zipper closure
  - storm flap
  - MD-5X

Labcoat
- PB212SBUXX003000
  - serged seams
  - collar
  - front snap closure
  - two pockets
  - SM-7X

Coverall
- PB122SWHXX002500
- PB122SBUXX002500
  - serged seams
  - attached hood
  - front zipper closure
  - storm flap
  - elastic wrists
  - elastic ankles
  - attached skid-resistant boot covers
  - MD-5X

Labcoat
- PB219SWHXX003000
- PB219SBUXX003000
  - serged seams
  - knit collar
  - set sleeve
  - knit cuff
  - front snap closure
  - (6 + 1 adjustable)
  - pockets
  - (1 left chest pencil, 2 lower front)
  - SM-4X

Coverall
- PB125SWHXX002500
- PB125SBUXX002500
  - serged seams
  - collar
  - front zipper closure
  - storm flap
  - elastic wrists
  - elastic ankles
  - MD-5X

Labcoat
- PB267SWHXX003000
- PB267SBUXX003000
  - serged seams
  - mandarin collar
  - front zipper closure
  - (6 + 1 adjustable)
  - two pockets
  - SM-4X

Frock
- PB271SWHXX003000
- PB271SBUXX003000
  - serged seams
  - mandarin collar
  - set sleeve
  - knit cuff
  - front snap closure
  - elastic wrists
  - MD-4X

Frock
- PB271SWHXX003000
- PB271SBUXX003000
  - serged seams
  - mandarin collar
  - front zipper closure
  - elastic wrists
  - MD-4X

PB127S
Operation and quality at an affordable price
Spunbond-meltblown-spunbond (SMS) garments
Uses include general maintenance, janitorial/cleaning and other dirty work assignments
ProShield® 10 is available in blue or white, and gray in style 127
DuPont™ ProShield® 50

Original Name: **new garment**

**Coverall**

- **NB120SWHXX002500**
  - serged seams
  - collar
  - front zipper closure
  - SM-6X

- **NB125SWHXX002500**
  - serged seams
  - collar
  - front zipper closure
  - elastic wrists
  - elastic ankles
  - SM-6X

- **NB127SWHXX002500**
  - serged seams
  - attached hood (respirator fit)\(^1\)
  - front zipper closure
  - storm flap
  - elastic wrists
  - elastic ankles
  - SM-6X

- **NB122SWHXX002500**
  - serged seams
  - attached hood
  - front zipper closure
  - elastic wrists
  - elastic ankles
  - attached skid-resistant boot covers
  - SM-6X

**Sleeve**

- **NB500SWHXX0200YU**
  - serged seams
  - elastic top
  - elastic wrist
  - 24” length
  - one size fits most

**Apron**

- **NB273BWHXX010000**
  - bound seams
  - bound neck and ties
  - bib style
  - 28” x 36”
  - one size fits most

**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, general industrial maintenance

Lighter weight and roomy design make for greater comfort and mobility

ProShield® 50 is white

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

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

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

Note: Not all sizes available in all styles.

**WARNING:** ProShield® 50 should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of ProShield® 50 fabric should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.
Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

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

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

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

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

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

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

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

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

**DuPont™ ProShield® 70**

Original Name: DuPont™ ProShield® 3

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**Shoe Cover**

P3450SGYXX020000

- serged seams
- elastic opening
- 5” height
- ProShield® 70 fabric
- skid resistant
- 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

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**Boot Cover**

P3450SGY000200LG

- serged seams
- elastic opening
- 8.25” height
- ProShield® 70 fabric
- skid resistant
- one size fits most

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**Boot Cover**

P3452SGYXX010000

- serged seams
- elastic opening
- 10” height
- ProShield® 70 fabric
- skid resistant
- one size fits most

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**Boot Cover**

P3454SGYXX010000

- serged seams
- elastic opening
- 18” height
- ProShield® 70 fabric
- skid resistant
- one size fits most
DuPont™ Tyvek® 400 D
Original Name: Tyvek® Dual

Coverall
○ TD127SWBXX0025CM
  - serged seams
  - collar
  - front zipper closure
  - storm flap
  - thumb loops
  - elastic wrists
  - elastic ankles
  - elastic waist
  - MD-4X

Coverall
○ TD127SWBXX0025CM
  - serged seams
  - attached hood (respirator fit)\(^1\)
  - front zipper closure
  - storm flap
  - thumb loops
  - elastic wrists
  - elastic ankles
  - elastic waist
  - MD-4X

Pants
○ TD350SWBXX0025CM
  - serged seams
  - elastic waist
  - MD-5X

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

Tyvek® 400 fabric on the front and hood

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

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

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

Tyvek® 400 is white

DuPont™ ProShield® 10 fabric on the back

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

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

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

ProShield® 10 is blue

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

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

Note: Not all sizes available in all styles.

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

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

Customer Service 1-800-931-3456  SafeSPEC.DuPont.com  PersonalProtection.DuPont.com
DuPont™ Tyvek® 400
Original Name: Tyvek®

Coverall

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

Coverall

- TY121SWHXX0025NS

Coverall

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

Coverall

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

Coverall

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

Only NF option codes are NAFTA/TAA compliant.

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

Storm flaps: All standard bound and taped seam coveralls have a single storm flap with a pressure-sensitive tape closure. Serged seam coveralls do not have a storm flap. Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

WARNING: Tyvek® and ProShield® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® and ProShield® fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur. Certain accessory items are also identified as Make to Order. Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore, designs are subject to change without notice.

An ideal balance of protection, durability and comfort

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

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

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

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

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

Tyvek® 400 is white
G1 = Reduced case quantity
NS = Non-skid material
NF = NAFTA/TAA compliant
VP = Vend packed
DuPont™ Tyvek® 400

Original Name: Tyvek®

Frock
- TY210SWHXX003000
  - SM-7X
- TY210SWHXX0030VP
  - MD-4X
  - serged seams
  - collar
  - front snap closure

Frock
- TY211SWHXX003000
  - serged seams
  - collar
  - front snap closure
  - knee length
  - SM-7X

Frock
- TY216SWHXX003000
  - serged seams
  - mandarin collar
  - front snap closure
  - elastic wrists
  - SM-5X

Labcoat
- TY212SWHXX003000
  - SM-7X
- TY212SWHXX0008G1
  - MD-4X
- TY212SWHXX0030VP
  - MD-4X
- TY212SWHXX0030NF
  - SM-7X
  - NAFTA/TAA COMPLIANT
  - serged seams
  - collar
  - front snap closure
  - two pockets

Shirt
- TY303SWHXX005000
  - SM-7X
- TY303SWHXX0012G1
  - MD-4X
- TY303SWHXX0050VP
  - MD-3X
  - serged seams
  - collar
  - front snap closure
  - long sleeve

Pants
- TY350SWHXX005000
  - SM-7X
- TY350SWHXX0012G1
  - MD-4X
- TY350SWHXX0050VP
  - MD-3X
  - serged seams
  - elastic waist

Apron
- TY273BWHXX010000
- TY273BWHXX0100VP
  - bound seams
  - bound neck & ties
  - bib style
  - 28” x 36”
  - one size fits most

Sleeve
- TY500SWHXX020000
- TY500SWHXX0200NF
  - NAFTA/TAA COMPLIANT
  - serged seams
  - elastic top
  - elastic wrist
  - 18” length
  - one size fits most

Hood
- TY657SWHXX010000
  - serged seams
  - pullover
  - elastic face
  - shoulder length
  - one size fits most

Only NF option codes are NAFTA/TAA compliant.

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

Note: Not all sizes available in all styles.

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

Certain accessory items are also identified as Make to Order. Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.
DuPont™ Tyvek® 400
Original Name: Tyvek® Boot and Shoe Covers

Shoe Cover
- TY450SWHXX020000
  Tyvek® fabric
  serged seams
  elastic opening
  5” height
  one size fits most

Shoe Cover
- TY450SWHXX02000LG
  Tyvek® fabric
  serged seams
  elastic opening
  8.25” height
  one size fits most

Boot Cover
- TY452SWHXX010000
  Tyvek® fabric
  serged seams
  elastic opening
  10” height
  one size fits most

Boot Cover
- TY454SWHXX010000
  Tyvek® fabric
  serged seams
  elastic opening
  18” height
  one size fits most

Shoe Cover—Tyvek® 400 FC
- FC450SGYXX020000
- FC450SGYXX02000NF
  NAFTA/TAA COMPLIANT

Boot Cover—Tyvek® 400 FC
- FC454SGYXX010000

Skid-resistant materials for shoe/boot covers to prevent slipping
Tyvek® 400 with Friction Coating
Tyvek® 400 FC sole
NF = NAFTA/TAA compliant
SR = Skid resistant

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

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

Certain accessory items are also identified as Make to Order. Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.
**DuPont™ Tyvek® 500/600**

Original Name: Tyvek® Xpert/Tyvek® Plus

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**Coverall—Tyvek® 500**

- TY198SWHXX002500
- External serged seam
- Attached hood
- Storm flap
- Elastic wrists
- Elastic ankles
- CE certified
- Category III Type 5-B and 6-B
- SM-7X

**Coverall—Tyvek® 600**

- TY198TWHXX0025PI
- Taped seam
- Attached hood (respirator fit)\(^1\)
- Storm flap
- Elastic wrists
- Elastic ankles
- CE certified
- Category III Type 4-B, 5-B and 6-B
- SM-7X

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

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

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

Tyvek® 500 is white

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

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

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

Tyvek® 600 is white

PI = Packaged individually

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

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

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

Note: Not all sizes available in all styles.

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

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

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Customer Service 1-800-931-3456  SafeSPEC.DuPont.com  PersonalProtection.DuPont.com
**DuPont™ Tyvek® 800 J**

Original Name: new garment

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**Coverall**

- **TJ98TWHXX0025PI**

  - taped seam
  - attached hood (respirator fit)\(^1\)
  - storm flap
  - elastic wrists
  - elastic ankles
  - CE certified
  - Category III type 3-B, 4-B, 5-B and 6-B
  - SM-3X

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

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

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

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

Tyvek® 800 is white

PI = Packaged individually

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

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

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

Note: Not all sizes available in all styles.

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

Certain accessory items are also identified as Make to Order. Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.
DuPont™ Tychem® 2000 SFR

Original Name: new garment

Coverall

- QS127TGRXX000400
  - taped seams
  - attached hood
  - front zipper closure
  - storm flap with tape closure
  - elastic wrists
  - elastic ankles
  - SM-7X

Coverall

- QS128TGRXX000400
  - taped seams
  - attached hood (respirator fit)\(^2\)
  - front zipper closure
  - storm flap with tape closure
  - elastic wrists
  - attached socks\(^1\)
  - outer boot flaps with elastic
  - SM-5X

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

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

In the event of a flash fire, Tychem® 2000 SFR coveralls won’t ignite, and won’t contribute additional burn injury if appropriate primary FR apparel is worn beneath.

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

NewTychem.DuPont.com

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

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

\(^1\)These Tychem® 2000 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.

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

Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

WARNING: Tychem® 2000 SFR garments provide secondary flame resistance; they must be worn over appropriate primary flame resistant garments (such as Nomex IIIA). Tychem® 2000 SFR garments should not be worn alone in areas where flame exposure may occur.
Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ on our website for permeation data that meets your specific needs.

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

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

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

Note: Not all sizes available in all styles.

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
DuPont™ Tychem® 2000
Original Name: Tychem® QC

**Apron**
- QC273BLYLXX010000
  - bound neck & ties
  - bib style
  - 36” long
  - one size fits most

**Apron**
- QC278BLYLXX001200
  - bound seams
  - attached long sleeves
  - bound yoke neck without snaps
  - waist ties
  - elastic wrists
  - 52” long
  - one size fits most

**Apron**
- QC275BLYLXX002500
  - bound seams
  - raw edge neck with snaps
  - attached long sleeves
  - waist ties
  - elastic wrists
  - 44” long
  - SM-4X

**Sleeve**
- QC500BLYLXX020000
  - bound seam
  - elastic top
  - elastic wrist
  - 18” length
  - one size fits most

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Only BN option codes are Berry Amendment compliant.

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

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

"These Tychem® 2000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering. Seams and closures have less barrier than fabric.

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

Note: Not all sizes available in all styles.

**WARNING:**
- Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

QC127
Effective protection against a range of chemicals

Uses include waste management, hazardous response and nuclear environments

Tychem® 4000 is Saranex™ 23-P film laminated to Tyvek® fabric

Rugged and durable

Tychem® 4000 is white for high visibility

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

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

Meets ASTM F1670 and ASTM F1671 tests, offering bloodborne pathogen protection
DuPont™ Tychem® 4000
Original Name: Tychem® SL

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

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

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

Note: Not all sizes available in all styles.

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Apron
- SL274BWHXX005000
  bound neck & ties
  bib style
  36” long
  one size fits most

Apron
- SL275TWHXX0025000
  taped seams
  raw edge neck with snaps
  attached long sleeves
  waist ties
  elastic wrists
  44” long
  SM-4X

Apron
- SL278BWHXX0012000
  bound seams
  bound yoke neck with snaps
  attached long sleeves
  waist ties
  elastic wrists
  52” long
  one size fits most

Apron
- SL120T
  SL122T

Apron
- Apron
  SL274BWHXX005000
  bound neck & ties
  bib style
  36” long
  one size fits most

Apron
- Apron
  SL275TWHXX0025000
  taped seams
  raw edge neck with snaps
  attached long sleeves
  waist ties
  elastic wrists
  44” long
  SM-4X

Apron
- Apron
  SL278BWHXX0012000
  bound seams
  bound yoke neck with snaps
  attached long sleeves
  waist ties
  elastic wrists
  52” long
  one size fits most

Apron
- Apron
  SL120T
  SL122T

Customer Service 1-800-931-3456  SafeSPEC.DuPont.com  PersonalProtection.DuPont.com
DuPont™ Tychem® 5000
Original Name: Tychem CPF 3

Strong and durable garments with broad chemical barrier
Tychem® 5000 is a multi-layer barrier film laminated to a durable polypropylene fabric
Tychem® 5000 provides at least 30 minutes of protection against >145 chemical challenges
Uses include chemical and petrochemical handling, hazardous materials/waste cleanup, industrial HazMat teams, utilities and domestic preparedness
Tychem® 5000 is tan for discretionary purposes
Tychem® 5000 198T/199T are certified to NFPA 1992

Coverall
- **C3122T**
  - Taped seams
  - Attached hood
  - Front zipper closure
  - Storm flap with tape closure
  - Elastic wrists
  - Attached socks
  - SM-5X

Coverall
- **C3125T**
  - Taped seams
  - Collar
  - Front zipper closure
  - Storm flap with tape closure
  - Elastic wrists
  - Elastic ankles
  - SM-5X

Coverall
- **C3127T**
  - Taped seams
  - Attached hood
  - Front zipper closure
  - Storm flap with tape closure
  - Elastic wrists
  - Elastic ankles
  - SM-7X

Coverall
- **C3128T**
  - Taped seams
  - Attached hood (respirator fit)
  - Front zipper closure
  - Storm flap with tape closure
  - Elastic wrists
  - Attached socks
  - Outer boot flaps with elastic
  - SM-5X

Apron
- **C3275T**
  - Taped seams
  - Bound snap neck
  - Attached long sleeves
  - Waist ties
  - Elastic wrists
  - 44” long
  - SM-4X

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

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIAR. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
DuPont™ Tychem® 5000
Original Name: Tychem® CPF 3

Coverall — HD design
- C3184TTNX000600
  - taped seams
  - collar
  - front zipper closure
  - double storm flaps with hook-and-loop closure
  - attached jam fit removable/field replaceable neoprene outer/multi-layer laminate inner gloves
  - attached socks
  - outer boot flaps
  - SM-4X

Coverall — HD design
- C3185TTNX000600
  - taped seams
  - attached hood (respirator fit)
  - front zipper closure
  - double storm flaps with hook-and-loop closure
  - attached jam fit removable/field replaceable neoprene outer/multi-layer laminate inner gloves
  - attached socks
  - outer boot flaps
  - SM-4X

Coverall HD design — Certified to NFPA 1992
- C3198TTNX0006WG
  - taped seams
  - attached hood (respirator fit)
  - front zipper closure
  - double storm flaps with hook-and-loop closure
  - attached Guardian butyl outer/multi-layer laminate inner gloves
  - elastic ankles
  - outer boot flaps
  - SM-SX

Coverall HD design — Certified to NFPA 1992
- C3199TTNX000600
  - taped seams
  - attached hood (respirator fit)
  - front zipper closure
  - double storm flaps with hook-and-loop closure
  - elastic wrists
  - attached socks
  - outer boot flaps
  - SM-SX

Coverall HD design — Certified to NFPA 1992
- C3199TTNX0006BN
  - taped seams
  - attached hood (respirator fit)
  - front zipper closure
  - double storm flaps with hook-and-loop closure
  - elastic wrists
  - attached socks
  - outer boot flaps
  - SM-SX

Coverall HD design — Certified to NFPA 1992
- C3199TTNX0006WG
  - taped seams
  - attached hood (respirator fit)
  - front zipper closure
  - double storm flaps with hook-and-loop closure
  - elastic wrists
  - attached socks
  - outer boot flaps
  - SM-SX

Only BN option codes are Berry Amendment compliant.
Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ on our website 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® 5000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

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

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

Seams and closures have less barrier than fabric.

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
DuPont™ Tychem® 5000
Original Name: Tychem® CPF 3

**Hood**
- C3651TTNXX000600
  - taped seams
  - EX (extra wide) faceshield
  - pullover
  - hook-and-loop waist closure
  - one size fits most

**Bib Overall**
- C3360TTNXX000600
  - taped seams
  - adjustable webbing straps with closure
  - SM-4X

**Jacket**
- C3670TTNXX000600
  - SM-4X
- C3670TTNXX0006JF
  - SM-4X
  - taped seams
  - mandarin collar
  - front zipper closure
  - double storm flaps with hook-and-loop closure
  - elastic wrists

**Combo Suit (Jacket and Bib Overall)**
- C3750TTNXX000600
  - JACKET
    - taped seams
    - mandarin collar
    - jam fit cuff
    - front zipper closure
    - double storm flaps
  - BIB OVERALL
    - taped seams
    - adjustable webbing straps with closure
    - SM-4X

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

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

**Storm Flaps:** All taped seam coveralls have a storm flap or double storm flap, see product description for details. Seams and closures have less barrier than fabric. Note: Not all sizes available in all styles.

**WARNING:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
DuPont™ Tychem® 5000
Original Name: Tychem® CPF 3

Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ on our website 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® 5000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

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

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Customer Service 1-800-931-3456  SafeSPEC.DuPont.com  PersonalProtection.DuPont.com
Customer Service 1-800-931-3456  SafeSPEC.DuPont.com  PersonalProtection.DuPont.com

DuPont™ Tychem® 6000
Original Name: Tychem® F

Coverall
- TF125TGY2X0006TV
  - Taped seams
  - Collar
  - Front zipper closure
  - Storm flap with tape closure
  - Elastic wrists
  - Elastic ankles
  - SM-5X

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

Strong and durable with a broad chemical barrier

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

Successfully tested by Soldier and Biological Chemical Command (SBCCOM) in Aberdeen, MD

Tychem® 6000 is a barrier film laminated to Tyvek®

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

Tychem® 6000 is available in orange for high visibility and gray for discretionary purposes

Tychem® 6000 is a barrier film laminated to Tyvek®

Tychem® 6000 is available in orange for high visibility and gray for discretionary purposes

Only TV option codes are TAA compliant.

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

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

1These Tychem® 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.

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

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

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Customer Service 1-800-931-3456  SafeSPEC.DuPont.com  PersonalProtection.DuPont.com
Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ on our website for permeation data that meets your specific needs.

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

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
DuPont™ Tychem® 6000 FR
Original Name: Tychem® ThermoPro

Coverall—Certified to NFPA 1992 and NFPA 2112 and Meets NFPA 70E Category 2

- TP198TGXX000200
- TP198TGXX0002BN ★ BERRY AMENDMENT COMPLIANT
- TP198TORXX000200
- TP198TORXX0002BN ★ BERRY AMENDMENT COMPLIANT

Taped seams
Attached hood with drawstring (respirator fit)²
Front zipper closure
Double storm flaps with hook-and-loop closure
Elastic wrists
Hemmed ankles
SM-SX

TP198T

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


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

Constructed for heavy use, yet lightweight and easy to wear.

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

Tychem® 6000 FR has an arc rating of 15 cal/cm² Ebt.

Tychem® 6000 FR is available in orange for high visibility and gray for discretionary purposes.

Only BN option codes are Berry Amendment compliant.

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

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

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

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

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ on our website for permeation data that meets your specific needs.

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

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
**DuPont™ Tychem® 9000**

**Original Name: Tychem® BR**

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**Encapsulated Level A**

- BR557TYLXX00017R

- Rear entry
- Taped seams
- EX (extra wide) three-layer faceshield (PVC 40 mil / Teflon® 5 mil / PVC 20 mil)
- Gases tight PVC zipper closure
- Double storm flaps with hook-and-loop closure
- Two exhaust valves
- Flat back
- Internal adjustment belt
- Attached internal multi-layer laminate gloves
- Attached butyl gloves
- Attached socks
- Outer boot flaps with elastic
- XL-4X

**Encapsulated Level B**

- BR528TYLXX000100

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

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**Tychem® 9000**

- Broad protection for hazardous material handlers
- Uses include chemical handling and petrochemical manufacturing
- Multi-layer composite barrier laminated to a strong, nonwoven substrate
- Tear-, puncture- and abrasion-resistant for lasting, consistent protection
- Tychem® 9000 provides at least 30 minutes of protection against >280 chemical challenges
- Tychem® 9000 is yellow for high visibility

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

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

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

Storm flaps: All taped seam coveralls have a single storm flap with a pressure-sensitive tape closure.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

**WARNING:** Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
DuPont™ Tychem® 9000
Original Name: Tychem® BR

Coverall
- BR125TYLXX000200
  - taped seams
  - collar
  - front zipper closure
  - double storm flaps with tape closure
  - elastic wrists
  - elastic ankles
  - SM-5X

Coverall
- BR127TYLXX000200
  - taped seams
  - attached hood (respirator fit)²
  - front zipper closure
  - double storm flaps with tape closure
  - elastic wrists
  - elastic ankles
  - SM-6X
- BR127TYLXX0002BN
  - taped seams
  - SM-5X
  - BERRY AMENDMENT COMPLIANT

Coverall
- BR128TYLXX000200
  - taped seams
  - attached hood (respirator fit)²
  - front zipper closure
  - double storm flaps with tape closure
  - elastic wrists
  - elastic ankles
  - SM-7X
- BR128TYLXX0002BN
  - taped seams
  - SM-5X
  - BERRY AMENDMENT COMPLIANT

Coverall
- BR128TYLXX0002BN
  - taped seams
  - SM-5X
  - BERRY AMENDMENT COMPLIANT

Storm flaps: All taped seam coveralls have a single storm flap with a pressure-sensitive tape closure.
Seams and closures have less barrier than fabric.
Note: Not all sizes available in all styles.

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Only BN option codes are Berry Amendment compliant.
Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ on our website for permeation data that meets your specific needs.
Stock/Make To Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

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

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

Hood
- BR651TYLXX000200
  - taped seams
  - standard faceshield (20 mil PVC)
  - pullover
  - hook-and-loop waist closure
  - one size fits most

Combo Suit (Jacket and Bib Overall)
- BR753TYLXX000600
JACKET
  - taped seams
  - mandarin collar
  - jam cuff
  - front zipper closure
  - double storm flaps

BIB OVERALL
  - taped seams
  - adjustable webbing straps with closure
  - packaged individually
  - SM-4X

Coverall
- BR128T
  - taped seams
  - attached hood (respirator fit)²
  - front zipper closure
  - double storm flaps with tape closure
  - elastic wrists
  - elastic ankles
  - outer boot flaps with elastic

Customer Service 1-800-931-3456 SafeSPEC.DuPont.com PersonalProtection.DuPont.com
DuPont™ Tychem® RESPONDER® CSM
Original Name: Tychem® Responder® CSM

Encapsulated Level A

- RC550TNXX000100
  MD-4X
- RC550TNXX00017C
  call for sizing
- RC550TNXX00017S
  call for sizing
- RC550TNXX00017W
  call for sizing

- Front entry
double taped seams
- three-layer visor system
  (PVC 40 mil/Teflon® 5 mil/
PVC 20 mil)
gas-tight zipper closure
double storm flap with
hook-and-loop closure
two Pirelli® exhaust valves
expanded back
attached butyl gloves
(mil. spec. glove)
attached socks¹
outer boot flaps
★ NAFTA/TAA compliant

Coverall

- RC128TNXX000100
double taped seams
attached hood (respirator fit)²
front zipper closure
double storm flap with
hook-and-loop closure
attached butyl gloves
(mil. spec. glove) with
attached conical cuff
for jam fit
attached socks¹
outer boot flaps
SM-4X
★ NAFTA/TAA compliant

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

Used for military weapon demilitarization

Suited for HazMat and domestic preparedness situations

Lightweight fabric of multiple film barriers laminated to both sides of a polypropylene fabric

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

Tychem® RESPONDER® CSM is tan for discretionary purposes

All Tychem® RESPONDER® CSM suits are NAFTA/TAA compliant

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

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

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

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

Storm flaps: All taped seam coveralls have a double storm flap with a hook-and-loop closure.
Seams and closures have less barrier than fabric.
Note: Not all sizes available in all styles.

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
Premium protection against toxic and corrosive gaseous, liquid and solid chemicals
Leading garment chosen by HazMat responders worldwide
Extremely durable, puncture- and tear-resistant fabric
Wide range of garment styles, including totally encapsulated, vapor protective Level A and liquid-splash protective Level B suits
Tychem® 10000 provides at least 30 minutes of protection against >320 chemical challenges
Tychem® 10000 is high-visibility lime yellow
All Tychem® 10000 encapsulated suits are NAFTA/TAA compliant

**Encapsulated Level A—Certified to NFPA 1994 Class 2**

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<td>Front entry, MD-4X</td>
</tr>
<tr>
<td>TK613TLYXX000100</td>
<td>Rear entry, call for sizing</td>
</tr>
</tbody>
</table>

- double taped seams
- EX (extra wide) three-layer faceshield (PVC 40 mil/Teflon™ 5 mil/PVC 20 mil)
- gas-tight zipper closure
- double storm flaps with hook-and-loop closure
- two exhaust valves
- expanded back
- internal adjustment belt
- attached internal multi-layer laminate gloves
- attached outer butyl or Viton™ gloves
- knee wear pads
- attached socks
- outer boot flaps with elastic

★ NAFTA/TAA compliant

**Encapsulated Level A**

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<td>Front entry</td>
</tr>
<tr>
<td>TK613TLYXX000100</td>
<td>Rear entry</td>
</tr>
</tbody>
</table>

- front entry
- double taped seams
- EX (extra wide) three-layer faceshield (PVC 40 mil/Teflon™ 5 mil/PVC 20 mil)
- gas-tight PVC zipper closure
- double storm flaps with hook-and-loop closure
- two exhaust valves
- expanded back
- internal adjustment belt
- attached internal multi-layer laminate gloves
- attached outer butyl or Viton™ gloves
- knee wear pads
- attached socks
- outer boot flaps with elastic

★ NAFTA/TAA compliant

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

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

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
DuPont™ Tychem® 10000

Original Name: Tychem® TK

Encapsulated Level A

TK52TLYXX00017R

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

⭐ NAFTA/TAA compliant

Encapsulated Level B

TK52TLYXX0001BN

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

⭐ NAFTA/TAA compliant

Coverall

TK128TLYXX000200

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

⭐ NAFTA/TAA compliant

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

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

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
DuPont™ Tychem® 10000 FR
Original Name: Tychem® Reflector®


- RF600TSVXX000100
- RF600TSVXX00017M
- RF600TSVXX00017N

Front entry
triple taped seams
extra wide, three-layer (PVC 40 mil/Teflon® 5 mil/PVC 40 mil) faceshield
gas-tight zipper closure
double storm flaps with hook-and-loop closure
two Pirelli® exhaust valves
expanded back

“Single skin” garment offers broad chemical holdout
Ideally suited for industrial and HazMat situations

Chemical protection in one garment that is easy to don and doff
Tychem® 10000 FR provides at least 30 minutes of protection against >290 chemical challenges

Certified to NFPA 1991, with flash fire escape and liquefied gas options
Tychem® 10000 FR is high-visibility silver

All Tychem® 10000 FR suits are NAFTA/TAA compliant

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

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

WARNING: Suits do not provide thermal skin protection for direct contact with hot solids or liquids. They do not provide protection from continuous radiant heat sources such as furnaces or smelters. Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
Tychem® 10000 Fully Encapsulated Training Suit

TK5865LYXX0000100
Front entry, MD-4X

TK5865LYXX000017W
Front entry, MD-4X

TK5865LYXX0000100
Front entry, MD-6X

TK5875LYXX0000100
Rear entry, MD-4X

EX (extra-wide) faceshield (20 mil PVC)

storm flap over zipper

internal waist belt

expanded back

attached butyl gloves

attached socks

outer boot flaps

clearly labeled as a training suit

★ NAFTA/TAA compliant

Cool-Guard® Vest

996000BU00000100
Personal cooling product.

Cool-Guard® Refills

996030000000100
Spare set of 4

Glove Ring Assembly—Male Glove Insert

9996100000002DL

Glove Ring Assembly

990140000000100
Level B
Butyl o-rings
PVC glove rings

Universal Pressure Test Kit

99081000000001UV

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

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

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

Additional components available, please call Customer Service.
For a complete list of pass-thru option codes, please see page 9.
For more detailed information regarding pass-thrus, please call Customer Service.

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

WARNING: Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

Cool-Guard® Vest

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Glove Ring Assembly—Male Glove Insert

9996100000002DL

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Level B
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**Sizing Charts**

**Sizing for protective garments**

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

**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 of $10^{-6}$. Irradiation doses are validated in accordance with ANSI/AAMI/ISO 11137 through bioburden and dose verification testing
- DuPont™ Tyvek® IsoClean® sterile garments are gamma irradiated in a facility that is registered by ISO 13485 quality standard and adheres to the requirements of ANSI/AAMI/ISO 11137
- A Certificate of Sterility and a Certificate of Compliance come with every shipment of sterile Tyvek® IsoClean® single-use garments
- Dose audits are conducted quarterly to maintain dose validation
- Customers are invited to audit our manufacturing and sterilization facilities
- Quality documentation is readily available on request to help meet customer requirements
- Lot traceability is maintained through garment manufacturing, processing and sterilization

The Superiority of Single-Use Garments from DuPont

DuPont single-use garments offer the following advantages:

Quality
Single-use garments are not subjected to multiple cycles of wearing, laundering and sterilization, so fabric barrier and strength are consistent and predictable. Also, DuPont Controlled Environments garments help minimize cross-contamination risk because clean-processing and packaging are done in a facility that only handles new garments.

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

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

Options

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

Among the most popular products in the DuPont Controlled Environments portfolio, DuPont™ Tyvek® IsoClean® clean-processed and sterile single-use garments offer an ideal balance of protection, durability and comfort. In addition, they feature the lowest linting and particle shedding of any garments in the DuPont portfolio.
## DuPont Controlled Environments

### DuPont Controlled Environments Garments

<table>
<thead>
<tr>
<th>Environments/Hazards</th>
<th>DuPont® Tyvek® IsoClean®</th>
<th>DuPont® Tyvek® Micro-Clean® 2-1-2</th>
<th>DuPont® ProClean®*</th>
<th>Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO Class 5</td>
<td><img src="image" alt="Clean Processed Sterile" /></td>
<td><img src="image" alt="Clean Processed Non-Sterile" /></td>
<td><img src="image" alt="Sterile" /></td>
<td><img src="image" alt="Non-Sterile**" /></td>
</tr>
<tr>
<td>ISO Class 6, 7, and 8 Bioburden Control Areas</td>
<td><img src="image" alt="Clean Processed Sterile" /> <img src="image" alt="Sterile" /></td>
<td><img src="image" alt="Clean Processed Non-Sterile" /> <img src="image" alt="Non-Sterile**" /></td>
<td><img src="image" alt="Sterile" /></td>
<td><img src="image" alt="Non-Sterile**" /></td>
</tr>
<tr>
<td>ISO Class 6, 7, and 8 Cleanrooms</td>
<td><img src="image" alt="Clean Processed Sterile" /> <img src="image" alt="Sterile" /></td>
<td><img src="image" alt="Clean Processed Non-Sterile" /> <img src="image" alt="Non-Sterile**" /></td>
<td><img src="image" alt="Sterile" /></td>
<td><img src="image" alt="Non-Sterile**" /></td>
</tr>
<tr>
<td>Non-hazardous, dry particles</td>
<td><img src="image" alt="Clean Processed Sterile" /> <img src="image" alt="Sterile" /> <img src="image" alt="Clean Processed Non-Sterile" /> <img src="image" alt="Non-Sterile**" /></td>
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<td><img src="image" alt="Sterile" /></td>
<td><img src="image" alt="Non-Sterile**" /></td>
</tr>
<tr>
<td>Non-hazardous, light liquid splash</td>
<td><img src="image" alt="Clean Processed Sterile" /> <img src="image" alt="Sterile" /> <img src="image" alt="Clean Processed Non-Sterile" /> <img src="image" alt="Non-Sterile**" /></td>
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</tr>
<tr>
<td>Hazardous powders Notice: DuPont Controlled Environments garments should not be used in potentially explosive or flammable environments.</td>
<td><img src="image" alt="Clean Processed Sterile" /> <img src="image" alt="Sterile" /> <img src="image" alt="Clean Processed Non-Sterile" /> <img src="image" alt="Non-Sterile**" /></td>
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<td><img src="image" alt="Sterile" /></td>
<td><img src="image" alt="Non-Sterile**" /></td>
</tr>
<tr>
<td>Hazardous liquid splash Examples: organic solvents, caustics</td>
<td><img src="image" alt="Clean Processed Sterile" /> <img src="image" alt="Sterile" /> <img src="image" alt="Clean Processed Non-Sterile" /> <img src="image" alt="Non-Sterile**" /></td>
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</tr>
<tr>
<td>Electric arc, industrial fire hazard, welding</td>
<td><img src="image" alt="Clean Processed Sterile" /> <img src="image" alt="Sterile" /> <img src="image" alt="Clean Processed Non-Sterile" /> <img src="image" alt="Non-Sterile**" /></td>
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</tr>
</tbody>
</table>

Comparison within the DuPont portfolio: ![Best](image) ![Better](image) (Blank) Not recommended

*Barrier properties may be compromised through use.

**Packaged individually.
DuPont Controlled Environments

Coverall

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

bound seams
bound neck
dolman sleeve
covered elastic wrists & ankles
front zipper closure

IC254BWHXX0025CS

bound seams
bound neck
dolman sleeve
covered elastic wrists & ankles
snaps for aseptic donning
SM-4X

IC105SWHXX00250

serged seams
standard hood
elastic hood opening
set sleeve
elastic wrists & ankles
attached thumb loops
front zipper closure
attached boots with PVC soles
MD-3X

IC105SWHXX00250C

IC105SWHXX0025CS

Boot Cover

IC447SWHXX01000B
MD-XL
IC447SWHXX01000C
MD-XL
IC447SWHXX01000CS
MD-2X

serged seams
elastic opening
elastic ankle
Gripper™ sole
18” high

IC458BWHXX01000B

IC458BWHXX01000C

IC458BWHXX0100CS

bound seams
covered elastic opening
ties at ankle
Gripper™ sole
18” high
MD-XL

Boot Cover

IC457SWHXX01000B

IC457SWHXX01000S

serged seams
covered elastic opening
ties at ankle
PVC sole
18” high
SM-XL

Shoe Cover

IC461SWHXX03000B

serged seams
elastic opening
PVC sole
elastic toe
5” high
SM-XL

DuPont® Tyvek® IsoClean®

Made from DuPont® Tyvek® brand flashspun polyolefin protective material

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

Comfortable, lightweight and durable

Clean-processed garments offer lowest level of particle shedding within DuPont product portfolio

Garments available gamma sterilized to an SAL of 10^-6

Serged or bound seams with covered elastic options

Bound seam garments offer highest particle barrier within IsoClean® product portfolio

Traceability on all sterilized apparel

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

Tyvek® IsoClean® is white

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

Seams and closures have less barrier than fabric.

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

**Frock**
- IC270BWHX003000
- IC270BWHX00300C
- IC270BWHX0030CS

- bound seams
- bound neck
- set sleeve
- covered elastic wrist
- front snap closure (6 + 1 adjustable)
- SM-4X

**Lab Coat**
- IC224SWHXX00300B

- serged seams
- laydown collar
- raglan sleeve
- front snap closure (5)
- pockets (1 left chest pencil, 2 lower front)
- SM-2X

**Coverall—DuPont® Tyvek® Micro-Clean® 2-1-2**
- CC252BBUX002505S
- CC252BBUX00250PI

- bound seams
- bound neck with loop at center back
- dolman sleeve
- covered elastic wrists & ankles
- front zipper closure
- SM-5X

Made from DuPont® 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

**OPTIONS**

- OS Sterile: individually packaged and sterilized by gamma irradiation
- PI Individually packaged in an opaque bag

**Controlled Environment Mask**
- ML7360WHX0250BH
- ML7360WHX02500S

- 9˝ size
- bound Tyvek® ties
- pleated rayon outer facing
- metal nose piece
- one size fits most

**Shoe Cover—ProShield® 30**
- PE440SBUXX02000B
- PE440SWHXX020000

- serged seams
- elastic opening
- 5.5˝ height
- MD-XL
- MD only available in white & bulk packaged

**Hood**
- IC668BWHX01000B
- IC668BWHX01000C
- IC668BWHX0100CS

- bound seams
- full face opening
- bound hood opening
- ties with loops for fit
- one size fits most

**Sleeves**
- IC501BWHX01000B
- IC501BWHX01000C
- IC501BWHX01000S
- IC501BWHX0100CS

- bound seams
- covered elastic wrist, bicep
- 18˝ length
- one size fits most
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.

WARNINGS:

1) Tyvek® and most ProShield® garments are not flame resistant and should not be used around heat, flame, sparks or potentially flammable or explosive environments.
2) Most Tychem® garments should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame resistant garments such as Nomex® IIIA. Users of Tychem® 6000 FR, Tychem® 10000 FR, and Tychem® 2000 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.
3) Garments should have slip-resistant or antislip materials on the outer surface of boots, shoe covers or other garment surfaces in conditions where slipping could occur.
4) If fabric becomes torn, scratched or punctured, or if a garment closure or seam fails, user should immediately discontinue use of garment to avoid serious injury, including potentially deadly chemical exposure(s). Seams, closures and visors may provide less protection than fabric.
5) 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.
6) The outer glove on Tychem® 10000 FR suits may contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Additionally, some internal components not expected to contact the wearer during use may contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products. The incident should also be reported to DuPont at 1-800-441-3637 so that an investigation can be initiated.
7) Tyvek® 500, Tyvek® 600 and Tyvek® 800 contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products. The incident should also be reported to DuPont at 1-800-441-3637 so that an investigation can be initiated.

This information is based upon technical data that DuPont believes to be reliable. It is subject to revision as additional knowledge and experience are gained. DuPont makes no guarantee of results and assumes no obligations or liability in connection with this information. It is the user’s responsibility to determine the level of toxicity and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. It is intended for information use by persons having technical skill for evaluation under their specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first verify that the garment selected is suitable for the intended use. In many cases, seams and closures have shorter breakthrough times and higher permeation rates than the fabric. If fabric becomes torn, abraded or punctured, end user should discontinue use of garment to avoid compromising the barrier protection. SINCE CONDITIONS OF USE ARE OUTSIDE OUR CONTROL, WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION. This information is not intended as a license to operate under or a recommendation to infringe any patent, trademark or technical information of DuPont or others covering any material or its use. Any warranty for products offered in this catalog can be found in the Terms and Conditions of that product.