WHY DUPONT CONTROLLED ENVIRONMENTS?

**BECAUSE** you want to do everything you can to improve productivity and reduce risk in your controlled environment.

At DuPont, we understand the cleanroom environment and continue to provide innovation and new offerings that can help ensure your controlled environment is as clean and efficient as possible. That means solutions to help you reduce the risk of contaminants in your operations—contaminants that can damage your final product quality, introduce the risk of non-compliance into your operations, and reduce your productivity.

With the DuPont Controlled Environments offering, you get the advantage of a wide range of proven, science-based solutions that help ensure superior protection for your business-critical systems, equipment, production process and personnel.

If your industry standards call for sterility and/or cleanliness in pharmaceutical, biotechnology, electronics or medical device environments, our limited-use apparel lines are designed to fit those needs.

DuPont offers apparel for environments where sterility and cleanliness are critical. DuPont products stand for high quality. Every garment is new, clean and fresh, so you can have peace of mind and confidence when using it.

If you have any questions, you can contact a DuPont Controlled Environments Specialist by calling 1.800.931.3456 (Monday through Friday, 8:30 a.m. to 5:30 p.m., Eastern Standard Time). We are more than happy to help you with your cleanroom apparel evaluation and discuss a variety of contamination control issues. You can also visit our web site at www.ControlledEnvironments.DuPont.com.

**DUPONT SERVICE COMMITMENT**

DuPont is committed to providing service-level excellence to all of our customers. This commitment includes a renewed focus on customer service, on-time delivery, sales/technical support and immediate access to product information.

Be advised that certain garments contained in this catalog description are subject to U.S. Export Control laws. Purchasing these garments subjects your company to those laws for export. For more information, contact us at 1.800.931.3458.
How to interpret product part numbers

**IC253BWHLG0025CS**

Our “smart” part numbers are not just a random collection of characters. Each component of the 16-character DuPont part number has meaning. When combined, these components provide a wealth of important product information, as shown here.

<table>
<thead>
<tr>
<th>IC</th>
<th>253</th>
<th>B</th>
<th>WH</th>
<th>LG</th>
<th>0025</th>
<th>CS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fabric type</strong></td>
<td>The first two characters are the fabric description.</td>
<td><strong>Garment design</strong></td>
<td>DuPont offers a wide array of garment styles—from hoods to frocks and coveralls. Each garment style has a unique three-digit code.</td>
<td><strong>Seam type</strong></td>
<td>The final character in the base number denotes the seam construction of the garment.</td>
<td><strong>Color</strong></td>
</tr>
<tr>
<td><strong>Abbreviations</strong></td>
<td><strong>IC</strong> = IsoClean®</td>
<td><strong>Abbreviations</strong></td>
<td><strong>SR</strong> = Suprel® LS</td>
<td><strong>PC</strong> = ProClean®</td>
<td><strong>CC</strong> = Tyvek® Micro-Clean® 2-1-2</td>
<td><strong>B</strong> = bound</td>
</tr>
<tr>
<td></td>
<td><strong>DE</strong> = Hydroentangled Polyester &amp; Cellulose</td>
<td><strong>Abbreviations</strong></td>
<td><strong>TY</strong> = Tyvek®</td>
<td><strong>ML</strong> = Sierra® Mask</td>
<td><strong>QC</strong> = Tychem® QC</td>
<td><strong>S</strong> = serged</td>
</tr>
<tr>
<td></td>
<td><strong>TY</strong> = Tyvek®</td>
<td><strong>Abbreviations</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>F</strong> = fell</td>
</tr>
<tr>
<td></td>
<td><strong>99</strong> = Accessory</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>O</strong> = no seam</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
STERILE

Clean-processed and sterile (option code CS)
Garments are specially processed to minimize particle shedding, then folded for aseptic donning and individually packaged in an ISO Class 4 cleanroom. The case quantity is packaged in a cardboard case with two polyethylene liners. Sterility is achieved by gamma irradiation. Irradiation dosage is validated in accordance with ISO 11137 for a Sterility Assurance Level (SAL) of $10^{-6}$.

Sterile (option code OS)
Garments are folded for aseptic donning and individually packaged. The case quantity is packaged in a cardboard case with two polyethylene liners. Some sterile items are folded and individually packaged in an ISO Class 5 cleanroom (see garment data sheet). Sterility is achieved by gamma irradiation. Irradiation dosage is validated in accordance with ISO 11137 for a Sterility Assurance Level (SAL) of $10^{-6}$.

NON-STERILE

Clean-processed (option code OC)
Garments are specially processed to minimize particle shedding and individually packaged in an ISO Class 4 cleanroom. The case quantity is packaged in a cardboard case with two polyethylene liners.

Individually packaged (option code PI)
Garments are individually packaged in an ISO Class 5 cleanroom. The case quantity is packaged in a cardboard case with two polyethylene liners.

Bulk (option code OB or OO)
Case quantities are packed in a cardboard case with two polyethylene liners.

Note: Individual packaging for shoe and boot covers indicates that each pair has its own sealed bag. Masks and cuff tapes may have subgroupings of individually packaged items within the case.
How to select the right garments

THE DUPONT CONTROLLED ENVIRONMENTS GARMENT PORTFOLIO

To help you select the right garments for your controlled environment, please select garment type, sterile or non-sterile, then select your preference for either clean-processed, bulk or individually packaged.

COVERALLS—WITHOUT HOOD

STERILE

clean

- Tyvek® IsoClean® IC105 p.9
- Tyvek® IsoClean® IC106 p.9
- Tyvek® IsoClean® IC180 p.10
- ProClean® PC122 p.13

individual packages

- Tyvek® IsoClean® IC105 p.9
- Tyvek® IsoClean® IC106 p.9
- Tyvek® IsoClean® IC180 p.10
- ProClean® PC122 p.13

NON-STERILE

clean

- Tyvek® IsoClean® IC105 p.9
- Tyvek® IsoClean® IC106 p.9
- Tyvek® IsoClean® IC180 p.10
- ProClean® PC122 p.13

bulk

- Tyvek® IsoClean® IC105 p.9
- Tyvek® IsoClean® IC106 p.9
- Tyvek® IsoClean® IC180 p.10
- ProClean® PC122 p.13

individual packages

- Tyvek® IsoClean® IC105 p.9
- Tyvek® IsoClean® IC106 p.9
- Tyvek® IsoClean® IC180 p.10
- ProClean® PC122 p.13

COVERALLS—HOODED

STERILE

clean

- Tyvek® IsoClean® IC105 p.9
- Tyvek® IsoClean® IC106 p.9
- Tyvek® IsoClean® IC180 p.10
- ProClean® PC122 p.13

NON-STERILE

clean

- Tyvek® IsoClean® IC105 p.9
- Tyvek® IsoClean® IC106 p.9
- Tyvek® IsoClean® IC180 p.10
- ProClean® PC122 p.13

bulk

- Tyvek® IsoClean® IC105 p.9
- Tyvek® IsoClean® IC106 p.9
- Tyvek® IsoClean® IC180 p.10
- ProClean® PC122 p.13

individual packages

- Tyvek® IsoClean® IC105 p.9
- Tyvek® IsoClean® IC106 p.9
- Tyvek® IsoClean® IC180 p.10
- ProClean® PC122 p.13

HOODS & BOUFFANTS

STERILE

clean

- Tyvek® IsoClean® IC666 p.10
- Tyvek® IsoClean® IC668 p.10
- Tyvek® IsoClean® IC729 p.10

NON-STERILE

clean

- Tyvek® IsoClean® IC666 p.10
- Tyvek® IsoClean® IC668 p.10
- Tyvek® IsoClean® IC729 p.10

bulk

- Tyvek® IsoClean® IC666 p.10
- Tyvek® IsoClean® IC668 p.10
- Tyvek® IsoClean® IC729 p.10

individual packages

- ProClean® PC663 p.13
How to select the right garments

THE DUPONT CONTROLLED ENVIRONMENTS GARMENT PORTFOLIO
To help you select the right garments for your controlled environment, please select garment type, sterile or non-sterile, then select your preference for either clean-processed, bulk or individually packaged.

SHOE & BOOT COVERS

STERILE

<table>
<thead>
<tr>
<th>Clean</th>
<th>Individual Packages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyvek® IsoClean® IC446 p.11</td>
<td>Tyvek® IsoClean® IC467 p.11</td>
</tr>
<tr>
<td>Tyvek® IsoClean® IC458 p.11</td>
<td></td>
</tr>
</tbody>
</table>

NON-Sterile

<table>
<thead>
<tr>
<th>Clean</th>
<th>Bulk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyvek® IsoClean® IC446 p.11</td>
<td>Tyvek® IsoClean® IC458 p.11</td>
</tr>
<tr>
<td>Tyvek® IsoClean® IC444 p.11</td>
<td></td>
</tr>
<tr>
<td>Suprel® LS SR447 p.12</td>
<td></td>
</tr>
</tbody>
</table>

SLEEVES & CUFF TAPE

STERILE

<table>
<thead>
<tr>
<th>Clean</th>
<th>Individual Packages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyvek® IsoClean® IC501 p.10</td>
<td>Tyvek® IsoClean® IC501 p.10</td>
</tr>
<tr>
<td>Tyvek® IsoClean® IC501 p.10</td>
<td></td>
</tr>
<tr>
<td>gen. purpose DE500 p.16</td>
<td></td>
</tr>
<tr>
<td>Tyvek® IsoClean® IC501 p.10</td>
<td></td>
</tr>
</tbody>
</table>

NON-Sterile

<table>
<thead>
<tr>
<th>Clean</th>
<th>Bulk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyvek® IsoClean® IC501 p.10</td>
<td>Tyvek® IsoClean® IC501 p.10</td>
</tr>
<tr>
<td>gen. purpose QC500 p.16</td>
<td></td>
</tr>
<tr>
<td>ProClean® PC500 p.13</td>
<td></td>
</tr>
</tbody>
</table>

THE DUPONT CONTROLLED ENVIRONMENTS GARMENT PORTFOLIO
To help you select the right garments for your controlled environment, please select garment type, sterile or non-sterile, then select your preference for either clean-processed, bulk or individually packaged.

**FROCKS & LAB COATS**

**STERILE**

- clean
  - Tyvek® IsoClean® IC270 p.10
  - Tyvek® IsoClean® IC270 p.10

- individual packages
  - Suprel® LS SR267 p.12
  - Suprel® LS SR267 p.12

**NON-STERILE**

- clean
  - Tyvek® IsoClean® IC224 p.10
  - Tyvek® IsoClean® IC224 p.10

- bulk
  - Tyvek® IsoClean® IC264 p.10
  - Tyvek® IsoClean® IC263 p.10

- individual packages
  - Tyvek® IsoClean® IC270 p.10
  - Tyvek® IsoClean® IC270 p.10

**APRONS, GOWNS & SMOCKS**

**NON-STERILE**

- bulk
  - Tyvek® IsoClean® IC270 p.10
  - Tyvek® IsoClean® IC270 p.10

- gen. purpose
  - Suprel® LS SR267 p.12
  - Suprel® LS SR267 p.12

**MASKS & FACE VEILS**

**STERILE**

- individual packages
  - Tyvek® IsoClean® IC731 p.11
  - Sierra™ ML730 p.15

**NON-STERILE**

- individual packages
  - Tyvek® IsoClean® IC731 p.11
  - Sierra™ ML730 p.15
NOTE: Please substitute your size for # when ordering. See p. 4 for full part number description.

IC 253 B WH LG 0025 CS
fabric
garment
design
seam
color
size
case count
options

PART NUMBER GUIDE

<table>
<thead>
<tr>
<th>fabric type</th>
<th>garment design</th>
<th>seam type</th>
<th>color</th>
<th>size</th>
<th>case count</th>
<th>options</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC253BWH##0025OB</td>
<td>bound seams</td>
<td>0025OB</td>
<td>B</td>
<td>WH</td>
<td>LG</td>
<td>0025</td>
</tr>
<tr>
<td>IC253BWH##0025OS</td>
<td>bound seams</td>
<td>0025OS</td>
<td>B</td>
<td>WH</td>
<td>LG</td>
<td>0025</td>
</tr>
<tr>
<td>IC253BWH##0025OC</td>
<td>bound seams</td>
<td>0025OC</td>
<td>B</td>
<td>WH</td>
<td>LG</td>
<td>0025</td>
</tr>
<tr>
<td>IC253BWH##0025CS</td>
<td>bound seams</td>
<td>0025CS</td>
<td>B</td>
<td>WH</td>
<td>LG</td>
<td>0025</td>
</tr>
</tbody>
</table>

NOTE: All sizes not available in all styles. For universal sizing use OO 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™ Tyvek® IsoClean®

- Made from DuPont™ Tyvek® brand flashspun polyolefin protective material
- Unique, patented flashspinning process creates an excellent 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 DuPont product portfolio
- Full traceability on all sterilized apparel
- Recyclable
- Gripper™ soles offer a higher level of slip resistance than standard PVC soles

CHOOSE FROM THESE 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
- **OO** or **OB** = Bulk packaged
- **PI** = Individually packaged in an opaque bag

**NOTE:** Please substitute your size for ## when ordering. See p. 4 for full part number description.

### Coverall

- **IC180SWH#002500**
  - serged seams
  - standard hood
  - elastic hood opening
  - set sleeve
  - elastic wrist, ankle
  - zipper closure
  - white
  - 25/cs
  - MD, LG, XL, 2X, 3X

### Frock

- **IC263SWH#00300B**
  - serged seams
  - high mandarin collar w/snap
  - set sleeve
  - elastic wrist
  - snap closure (6)
  - white
  - 30/cs
  - SM, MD, LG, XL, 2X, 3X, 4X

### Lab Coat

- **IC224SWH#00300B**
  - serged seams
  - laydown collar
  - raglan sleeve
  - snap closure (5)
  - white
  - 30/cs
  - SM, MD, LG, XL

### Gown

- **IC701SWH#00300D**
  - serged seams
  - bound neck w/ties
  - knit cuff
  - bound ties originating at center front waist
  - white
  - 30/cs
  - universal sizing (OO)

### Smock

- **IC263SWH#00300B**
  - serged seams
  - high mandarin collar w/snap
  - set sleeve
  - elastic wrist
  - elastic waist
  - 6 snap closures
  - white
  - 30/cs
  - SM, MD, LG, XL, 2X, 3X, 4X for OB option
  - MD, LG, XL for OS option

### Apron

- **IC704SWH#00300B**
  - serged seams
  - bound neck
  - set sleeve
  - elastic wrist
  - ties at neck & waist
  - ties from center front
  - laminate in apron
  - white
  - 30/cs
  - universal sizing (OO)

### Sleeves

- **IC501BWH#01000B**
  - IC501BWH#01000C
  - IC501BWH#01000S
  - IC501BWH#01000CS
  - bound seams
  - covered elastic wrist, bicep
  - 18" length
  - white
  - 100/cs
  - universal sizing (OO)

### Bouffant

- **IC725SWH#02500B**
  - IC725SWH#02500C
  - IC725SWH#02500CS
  - serged seams
  - elastic headband
  - 21.5" diameter
  - white
  - 250/cs
  - universal sizing (OO)

### Hood

- **IC666BWH#01000D**
  - IC666BWH#01000C
  - IC666BWH#01000S
  - bound seams
  - bound hood opening (eyes only)
  - snaps for fit
  - bound bottom
  - white
  - 100/cs
  - MD, LG

---

**PART NUMBER GUIDE**

<table>
<thead>
<tr>
<th>IC</th>
<th>253</th>
<th>B</th>
<th>WH</th>
<th>LG</th>
<th>0025</th>
<th>CS</th>
</tr>
</thead>
<tbody>
<tr>
<td>fabric type</td>
<td>garment design</td>
<td>seam type</td>
<td>color</td>
<td>size</td>
<td>case count</td>
<td>options</td>
</tr>
</tbody>
</table>

**NOTE:** All sizes not available in all styles. For universal sizing use OO 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.
NOTE: Please substitute your size for ## when ordering. See p. 4 for full part number description.

**mask**
IC731OBU##0300OB  
IC731OBU##0300DS  
bound Tyvek® ties  
pleated  
polyethylene outer  
PBT filter  
metal nose piece  
blue  
300/cs  
7”  
universal sizing (OO)

**cuff tape**
IC4730WH##04000S  
994730WH##04000S  
made of Tyvek® IsoClean®  
20” long x 3” wide  
white  
400/cs  
universal sizing (OO)

**boot cover**
IC658BWH##0100OB  
IC658BWH##0100OC  
IC658BWH##0100CS  
bound seams  
covered elastic opening  
ties at ankle  
Gripper™ sole  
18” high  
white  
100/cs  
MD, LG, XL

**boot cover**
IC446SWMH#01000B  
IC446SWMH#0100DC  
IC446SWMH#0100CS  
serged seams  
elastic opening  
ties at ankle  
PVC sole  
18” high  
white  
100/cs  
SM, MD, LG, XL

**boot cover**
IC445WH#0100OB  
IC445WH#0100OC  
IC445WH#0100CS  
serged seams  
covered elastic opening  
ties at ankle  
PVC sole  
18” high  
white  
100/cs  
MD, LG, XL

**boot cover**
IC446SWMH#0100OO  
IC446SWMH#0100OC  
IC446SWMH#0100CS  
serged seams  
elastic opening  
ties at ankle  
PVC sole  
18” high  
white  
100/cs  
MD, LG, XL

**shoe cover**
IC461SWH##0300OB  
serged seams  
elastic opening  
PVC sole  
elastic toe  
5” high  
white  
300/cs  
SM, MD, LG, XL

**shoe cover**
IC461SWH#0300OB  
serged seams  
elastic opening  
PVC sole  
elastic toe  
5” high  
white  
300/cs  
SM, MD, LG, XL

**shoe cover**
IC461SWH#0100OB  
serged seams  
elastic opening  
PVC sole  
Gripper™ sole  
5” high  
white  
100/cs  
MD, LG, XL

**boot cover**
IC445WH#0100OB  
IC445WH#0100OC  
IC445WH#0100CS  
serged seams  
ties at ankle  
PVC sole  
18” high  
white  
100/cs  
MD, LG, XL

**mask**
IC731OBU##0300OB  
IC731OBU##0300DS  
bound Tyvek® ties  
pleated  
polyethylene outer  
PBT filter  
metal nose piece  
blue  
300/cs  
7”  
universal sizing (OO)

**mask**
IC731OBU##0300OB  
IC731OBU##0300DS  
bound Tyvek® ties  
pleated  
polyethylene outer  
PBT filter  
metal nose piece  
blue  
300/cs  
7”  
universal sizing (OO)

PART NUMBER GUIDE

<table>
<thead>
<tr>
<th>IC</th>
<th>253</th>
<th>B</th>
<th>WH</th>
<th>LG</th>
<th>0025</th>
<th>CS</th>
</tr>
</thead>
<tbody>
<tr>
<td>fabric type</td>
<td>garment design</td>
<td>seam type</td>
<td>color</td>
<td>size</td>
<td>case count</td>
<td>options</td>
</tr>
</tbody>
</table>

NOTE: All sizes not available in all styles. For universal sizing use OO 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™ Suprel™ LS

- Patented bi-component fabric based on DuPont Advanced Composite Technology™
- Superior balance of breathability and barrier protection
- Soft feel for exceptional comfort
- Greater ease of movement
- Serged seams
- Garments available gamma sterilized to an SAL of 10^-6
- Full traceability on all sterilized apparel
- Gripper™ soles offer a higher level of slip resistance than standard PVC soles
- Available in blue and white

CHOOSE FROM THESE OPTIONS:
- **OS** = Sterile: individually packaged and sterilized by gamma irradiation
- **OO** = Bulk packaged

<table>
<thead>
<tr>
<th>PART NUMBER GUIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IC</strong></td>
</tr>
<tr>
<td>fabric type</td>
</tr>
</tbody>
</table>

**NOTE:** All sizes not available in all styles. For universal sizing use **OO** 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.

**NOTE:** Please substitute your size for # when ordering. See p. 4 for full part number description.
**DuPont™ ProClean**

- Microporous composite fabric
- Non-hazardous liquid and dry particulate barrier protection for cleanroom applications
- Serged seams

**CHOOSE FROM THIS OPTION:**
- **OS** = Sterile: individually packaged and sterilized by gamma irradiation
- **OB** = Bulk packaged

**NOTE:** Please substitute your size for ## when ordering. See p. 4 for full part number description.

### Coverall

- **PC143SWH##0025OB**
  - Serged seams
  - Bound neck
  - Set sleeve
  - Covered elastic wrist, ankle
  - Enclosed elastic at back
  - White
  - 25/cs
  - SM, MD, LG, XL, 2X, 3X, 4X

### Frock

- **PC270SWH##0030OB**
  - Serged seams
  - Bound neck
  - Set sleeve
  - Covered elastic wrist
  - Zipper closure
  - White
  - 30/cs
  - SM, MD, LG, XL, 2X, 3X, 4X

### Sleeve

- **PC500SWH##0200OB**
  - Serged seams
  - Covered elastic wrist, bicep
  - 18” length
  - White
  - 200/cs
  - Universal sizing (OO)

### Hood

- **PC663SWH##0100OS**
  - Serged seams
  - Full face
  - Bound hood opening
  - Bound ties
  - White
  - 100/cs
  - Universal sizing (OO)

### Boot Cover

- **PC444SWH##0100OB**
  - Serged seams
  - Covered elastic opening
  - Elastic ankle
  - PVC sole
  - 18” height
  - White
  - 100/cs
  - MD, LG, XL

**PART NUMBER GUIDE**

<table>
<thead>
<tr>
<th>IC</th>
<th>253</th>
<th>B</th>
<th>WH</th>
<th>LG</th>
<th>0025</th>
<th>CS</th>
</tr>
</thead>
<tbody>
<tr>
<td>fabric type</td>
<td>garment design</td>
<td>seam type</td>
<td>color</td>
<td>size</td>
<td>case count</td>
<td>options</td>
</tr>
</tbody>
</table>

**NOTE:** All sizes not available in all styles. For universal sizing use OO in the part number.

**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™ Tyvek® Micro-Clean® 2-1-2

- Made from DuPont™ Tyvek® brand flashspun polyolefin protective material.
- Unique, patented flashspinning process creates an excellent barrier to dry particles and microorganisms.
- Coated on both sides with proprietary 2-1-2 blue polymeric resin.
- Antistatic treated.
- Outstanding particle filtration efficiency.
- Garments available gamma sterilized to an SAL of $10^{-6}$.
- Cloth-like aesthetics.
- Full traceability on all sterilized apparel.

DuPont™ SureStep™/DuPont™ Dura-Trac™

- Spunbonded polypropylene with polyethylene film coating.
- High slip resistance—both wet and dry.
- Low linting, resists delamination.
- SureStep™ available with a conductive strip.

CHOOSE FROM THESE OPTIONS:
- **OS** = Sterile: individually packaged and sterilized by gamma irradiation.
- **PI** = Individually packaged in opaque bag.

CHOOSE FROM THESE OPTIONS:
- **OO**, **OB** = Bulk packaged.
- **CT** = Conductive strip.

PART NUMBER GUIDE

<table>
<thead>
<tr>
<th>IC</th>
<th>253</th>
<th>B</th>
<th>WH</th>
<th>LG</th>
<th>0025</th>
<th>CS</th>
</tr>
</thead>
<tbody>
<tr>
<td>fabric type</td>
<td>garment design</td>
<td>seam type</td>
<td>color</td>
<td>size</td>
<td>case count</td>
<td>options</td>
</tr>
</tbody>
</table>

NOTE: All sizes not available in all styles. 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.

NOTE: Please substitute your size for ## when ordering. See p. 4 for full part number description.
DuPont™ Sierra™

• Excellent balance of bacteria and particle filtration efficiency and breathability
• Available in 7" and 9" sizes
• Available in blue and white

CHOOSE FROM THESE OPTIONS:
• OS = Sterile: individually packaged and sterilized by gamma irradiation
• BB = 50/box
• BH = 50/bag

controlled environment mask
ML7360WH#0250BH
ML7360WH#0250OS
9" size
bound Tyvek® ties
pleated
rayon outer facing
metal nose piece
white
250/cs
universal sizing (OO)

anti-fog mask
ML7370WH#0250BH
ML7370WH#0250OS
9" size
bound Tyvek® ties
pleated
rayon outer facing
metal nose piece
adhesive at nose
white
250/cs
universal sizing (OO)

comfort mask
ML7310BU#0300BB
ML7310BU#0300BH
ML7310BU#0500BH
7" size
bound polypropylene ties
pleated
rayon outer facing
metal nose piece
adhesive at nose
blue
300/cs
universal sizing (OO)

general mask
ML7330BU#0300BB
ML7330BU#0500BH
7" size
stretch ear loops
pleated
polypropylene outer facing
metal nose piece
blue
300 & 500/cs
universal sizing (OO)

PART NUMBER GUIDE

<table>
<thead>
<tr>
<th>IC</th>
<th>253</th>
<th>B</th>
<th>WH</th>
<th>LG</th>
<th>0025</th>
<th>CS</th>
</tr>
</thead>
<tbody>
<tr>
<td>fabric type</td>
<td>garment design</td>
<td>seam type</td>
<td>color</td>
<td>size</td>
<td>case count</td>
<td>options</td>
</tr>
</tbody>
</table>

NOTE: Please substitute your size for ## when ordering. See p. 4 for full part number description.

DuPont™ Sierra™

General-purpose products

NOTE: Please substitute your size for ## when ordering. See p. 4 for full part number description.

gown

PP701FWH#005000
fal seams
bound neck w/hook-and-loop closure
knit cuff
bound ties at waist
polyethylene-coated front
breathable back
white
50/cs
universal sizing (OO)

apron

TY273BWH#001800
bound seams
bound neck
ties closure
Tyvek® ties at waist
white
100/cs
universal sizing (OO)

sleeve

QC500BYL#002000
bound seams
tunneled elastic wrist
Tychem® QC
21" length
yellow
200/cs
universal sizing (OO)

sleeve

DE500SBU#001000
seged seams
covered elastic wrist and bicep
hydroentangled polyester and cellulose
18" length
blue
100/cs
universal sizing (OO)

apron: TY273B

cleanroom face veil

PP7400WH#001500
stainless steel snaps
metal nose piece
white
150/cs
universal sizing (OO)

cleanroom face veil

PP7101WH#001500
elastic head band
metal nose piece
white
150/cs
universal sizing (OO)

PART NUMBER GUIDE

<table>
<thead>
<tr>
<th>IC</th>
<th>253</th>
<th>B</th>
<th>WH</th>
<th>LG</th>
<th>0025</th>
<th>CS</th>
</tr>
</thead>
<tbody>
<tr>
<td>fabric type</td>
<td>garment design</td>
<td>seam type</td>
<td>color</td>
<td>size</td>
<td>case count</td>
<td>options</td>
</tr>
</tbody>
</table>

NOTE: For universal sizing use OO 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™ Sontara® micro-level cleaning fabrics are high-performance, absorbent wipes for cleanrooms. Because they are made using the DuPont hydroentangling process, where needle-like water jets form a strong, nonwoven fabric without any binders, these fabrics are ideally suited for cleanroom use.

DuPont™ Sontara® micro-level cleaning fabrics have low particle generation and are inherently absorbent. With low extractables and ion content properties, as well as strength and resistance to solvents, wipes made of DuPont™ Sontara® are a smart solution for your cleanroom requirements.

Wiping needs and required levels of cleanliness differ—even in the same cleanroom—therefore, DuPont created a range of Sontara® micro-level cleaning fabrics. It’s best to find a match between application and the wipe fabric for efficiency and cost effectiveness. To determine which Sontara® micro-level cleaning fabric best meets your controlled environment application, visit www.Sontara.com or call 1.888.4.Sontara (1.888.476.6827).
Gown recommendations

SEAM CONSTRUCTION
Even the best protective fabrics are useless without strong, tight seams.

Serged or sewn
A seam produced when three threads are interlocked around the raw edges of two pieces of material for a strong, stress-resistant seam.

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

Covered elastic
Elastic covered by garment material so elastic is not exposed.

ISO 16644-1 AIR CLEANLINESS CLASSES FOR CLEANROOMS AND CLEAN ZONES

<table>
<thead>
<tr>
<th>ISO Classification Number</th>
<th>0.1 µm</th>
<th>0.2 µm</th>
<th>0.3 µm</th>
<th>0.5 µm</th>
<th>1.0 µm</th>
<th>5.0 µm</th>
<th>SI</th>
<th>English Former FED-STD-209E</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO Class 1</td>
<td>10</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>M 1.5 1</td>
</tr>
<tr>
<td>ISO Class 2</td>
<td>100</td>
<td>24</td>
<td>10</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td>M 2.5 10</td>
</tr>
<tr>
<td>ISO Class 3</td>
<td>1000</td>
<td>237</td>
<td>102</td>
<td>35</td>
<td>8</td>
<td></td>
<td></td>
<td>M 3.5 100</td>
</tr>
<tr>
<td>ISO Class 4</td>
<td>10000</td>
<td>2370</td>
<td>1020</td>
<td>352</td>
<td>83</td>
<td></td>
<td></td>
<td>M 4.5 1000</td>
</tr>
<tr>
<td>ISO Class 5</td>
<td>100000</td>
<td>23700</td>
<td>10200</td>
<td>3520</td>
<td>832</td>
<td>29</td>
<td></td>
<td>M 5.5 10000</td>
</tr>
<tr>
<td>ISO Class 6</td>
<td>1000000</td>
<td>237000</td>
<td>102000</td>
<td>35200</td>
<td>8320</td>
<td>293</td>
<td></td>
<td>M 6.5 100000</td>
</tr>
<tr>
<td>ISO Class 7</td>
<td>352000</td>
<td>83200</td>
<td>29300</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>M 7.5 1000000</td>
</tr>
<tr>
<td>ISO Class 8</td>
<td>3520000</td>
<td>832000</td>
<td>293000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>M 9.5 10000000</td>
</tr>
</tbody>
</table>

MINIMUM GOWNING RECOMMENDATIONS

<table>
<thead>
<tr>
<th>ISO Class 8 (Class 100,000)</th>
<th>ISO Class 7 (Class 10,000)</th>
<th>ISO Class 6 (Class 1,000)</th>
<th>ISO Class 5 (Class 100)</th>
<th>ISO Class 4 (Class 10)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hair cover</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Hood</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Face mask</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Frock</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Overall</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Shoe covers</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Boots</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

IEST-RP-CC-003.3

SIZING CHART FOR DUPONT CONTROLLED ENVIRONMENTS GARMENTS
Use this chart to determine what size garment is right for you. Sizes are based on an individual's height and chest size.

H E I G H T

C H E S T

Sterile packaging process

CRITICAL ASSURANCE STERILE APPAREL MULTI-LEVEL PACKAGING

1. Outer shipping carton is securely sealed. Carton displays product label, sterile dot indicator and fully traceable lot number.

2. Multilevel interior packaging features one or two polyethylene carton liners secured with twist ties. The outer liner provides protection from dust and contamination, particularly if outer carton is discarded. A lot-specific Certificate of Compliance with sterile dot indicator is placed between the two liners. The inner liner allows transportation of product to a cleaner, more controlled environment.

3. Completely heat sealed, airtight individual garment opaque bag is made from durable polyethylene film and features a varnish-coated ink, easy-to-open linear-tear and embossed lot number.

4. Sterile garment consistently folded and packaged to ease aseptic donning. Traceable lot numbers are stamped on each individual sterile garment.

DuPont production specifications for Gripper™ PVC exclude use of latex. Notwithstanding, DuPont cannot guarantee the absence of latex in these shoe or boot covers.

Anyone who begins to exhibit 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.

**SILICONE STATEMENT:** In the past, DuPont has found that threads and zippers can be the most significant source of silicone oil contamination in garments. DuPont specifies that threads and zippers used in Tyvek® IsoClean®, Suprel™ LS and ProClean® garments be manufactured without the use of silicone oils. Notwithstanding, DuPont cannot guarantee the absence of silicone oils on these garments nor can DuPont confirm silicone oil prohibition in DuPont™ Tyvek® Micro-Clean® 2-1-2 produced by Cardinal Health prior to May 2008.

For end users with concerns about contamination with silicone oils or any other contaminants, the best practice is to audit inbound materials, including garments, for those contaminants.

This information is based upon technical data that DuPont believes reliable. It is subject to revision as additional knowledge and experience are gained. DuPont makes no guarantee of results and assumes no obligation 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.

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 may provide less barrier than the fabric. If the 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.

**WARNINGS:** 1) DuPont garments and accessories for controlled environments are not flame-resistant and should not be used around heat, flame, sparks or in potentially flammable or explosive environments. 2) Garments made of Tyvek® 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.

Copyright © 2010 DuPont. The DuPont Oval Logo, DuPont®, the miracles of science®, Advanced Composite Technology®, Dura-Trac®, Gripper®, IsoClean®, Micro-Clean®, ProClean®, Sierra®, Sontara®, Suprel®, SureStep®, Tychem® and Tyvek® are registered trademarks or trademarks of E.I. du Pont de Nemours and Company or its affiliates. All rights reserved. K-17384-1 3/10

Customer Service:

US 1.800.931.3456
Canada 1.800.387.9326
Mexico 01800 849 75 14 or 011 52 55 5722 1150

For DuPont Controlled Environments apparel and accessories, visit
www.ControlledEnvironments.DuPont.com

For Sontara® wiping products, visit
www.Sontara.com