

DU PONT
Tyvek®



**DuPont
Controlled Environments**

DuPont Controlled Environments

Quality, comfort, and durability for your cleanroom. For more than 200 years, DuPont has been putting science to work by creating sustainable solutions essential to a better, safer, healthier life for people everywhere. One of the areas in which safety and health are of paramount importance is in cleanrooms and controlled environments.

DuPont understands your need to do everything possible to improve productivity and reduce risk in your controlled environment. The DuPont Controlled Environments (CE) portfolio offers a comprehensive selection of single-use cleanroom apparel and accessories designed for use in pharmaceutical, medical device, biotech, and electronic settings that require high standards for particle and microbiological contamination control.

DuPont™ Tyvek® garments have a long history of use in cleanrooms due to their excellent barrier to particles, microorganisms, and non-hazardous liquids. They offer an ideal balance of protection, durability, and comfort. They are available in many styles for different cleanroom and controlled environment applications. With the DuPont Controlled Environments offering, you get the advantage of a wide range of proven, science-based solutions that help keep your cleanroom environment protected.



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DuPont™ Tyvek® at a glance

Tyvek® Overview

Tyvek® has been used to make high-quality cleanroom garments for more than 25 years. Tyvek® is made by DuPont with a proprietary flash-spinning process that creates continuous fibers of high-density polyethylene that are randomly distributed and non-directional.



Tyvek® is tough, yet lightweight and soft.



Tyvek® offers an ideal balance of protection, durability, and comfort.



Tyvek® acts as a breathable barrier against particles and bacteria.



Tyvek® repels aqueous liquids and liquid aerosols.



Tyvek® is inherently low linting and abrasion resistant.

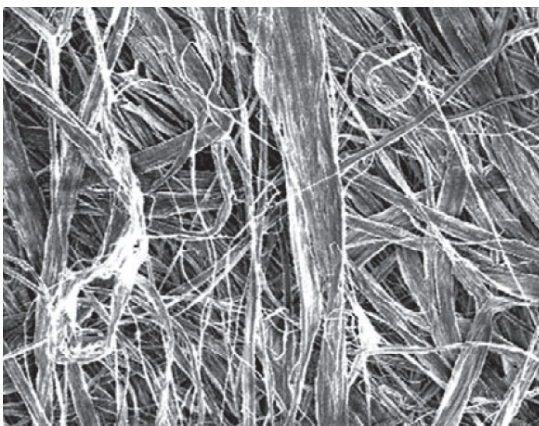


Image shown at 200x magnification.

Tyvek® is made with a unique flash-spinning process that creates a tortuous path for particles.

Benefits of Tyvek® IsoClean® Single Use Garments

DuPont sterile cleanroom garments, designed for single use, offer meaningful advantages in today's challenging cleanroom environments, including:

- **Quality**—single-use garments are not subjected to multiple cycles of wearing, laundering, and sterilization, so the fabric barrier and strength are consistent and predictable.
- **Flexibility**—order only the quantities that you plan to use, which offers flexibility as your needs change.
- **Cost control**—single-use garments help eliminate budget uncertainties associated with garment repair, damage, and loss, helping you to better predict expenditures.

DuPont 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.
- Tyvek® IsoClean® sterile garments have a sterility assurance level of 10^{-6} . Radiation doses are validated in accordance with ANSI/AAMI/ISO 11137 through bioburden and dose verification testing.
- Tyvek® IsoClean® sterile garments are gamma irradiated in a facility that is registered by ISO 13485 quality standard and adheres to the requirements of ANSI/AAMI/ISO 11137
- A Gamma Irradiation Indicator Dot is included on every carton and every individual pouch of the Tyvek® IsoClean® sterile product range.
- A Certificate of Sterility and a Certificate of Compliance come with every shipment of sterile 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 upon request to help meet customer requirements.
- Lot traceability is maintained through garment manufacturing, processing, and sterilization.

Tyvek® IsoClean® garment features

For ISO 4/5 (class 10/100) and ISO 7/8 (class 10,000/100,000) controlled environments.

Tyvek® IsoClean®

- Tyvek® IsoClean® is made from Tyvek® flashspun, high-density polyethylene.
- The unique, patented flash-spinning process creates a barrier to dry particles, microorganisms, and non-hazardous liquids.
- It is comfortable, lightweight, and durable.
- Serged or bound seam options with covered elastic. The bound seam garments offer the highest particle barrier.
- The gripper™ soles offer a high level of slip resistance compared to standard PVC soles.

Gowning for ISO 5 controlled environments — per IEST-RP-CC003

Clean and sterile bouffant

Tyvek® IsoClean®
IC729S CS

Clean and sterile hood

Tyvek® IsoClean®
IC668B CS

Sterile face mask

DuPont™ Sierra™
ML7360 OS

Clean and sterile coverall

Tyvek® IsoClean®
IC253B CS

Garments folded to
facilitate aseptic donning

Bound seam garments
offer better particle barrier
than serged seams.

Clean and sterile boot cover

Tyvek® IsoClean®
IC458B CS

Elastic wrists and ankles
are covered by garment material
so the elastic is not exposed.

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



Gowning for ISO 7/8 controlled environments — per IEST-RP-CC003

Bouffant

Tyvek® IsoClean®
IC729S OB

**Frock
with snaps**

Tyvek® IsoClean®
IC262S OB

OR

**Gown
with ties**

Tyvek® IsoClean®
IC701S 00
IC702S 00

Shoe cover

Tyvek® 500
TYPOSAS 00



Gowning recommendations

Cleanroom Standards

ISO 14644-1 air cleanliness classes for cleanrooms and clean zones

| ISO classification number | 0.1 µm | 0.2 µm | 0.3 µm | 0.5 µm | 1.0 µm | 5.0 µm | SI | English former FED-STD-209E |
|---------------------------|-----------|---------|---------|------------|------------|-----------|-------|-----------------------------|
| ISO Class 1 | 10 | | | | | | | |
| ISO Class 2 | 100 | 24 | 10 | | | | | |
| ISO Class 3 | 1,000 | 237 | 102 | 35 | 83 | | M 1.5 | 1 |
| ISO Class 4 | 10,000 | 2,370 | 1,020 | 352 | 832 | | M 2.5 | 10 |
| ISO Class 5 | 100,000 | 23,700 | 10,200 | 3,520 | 8,320 | 293 | M 3.5 | 100 |
| ISO Class 6 | 1,000,000 | 237,000 | 102,000 | 35,200 | 83,200 | 2,930 | M 4.5 | 1,000 |
| ISO Class 7 | | | | 352,000 | 832,000 | 29,300 | M 5.5 | 10,000 |
| ISO Class 8 | | | | 3,520,000 | 8,320,000 | 293,000 | M 6.5 | 100,000 |
| ISO Class 9 | | | | 35,200,000 | 83,200,000 | 2,930,000 | | |

IEST-RP-CC003 minimum gowning recommendations

| | ISO Class 8 (Class 100,000) | ISO Class 7 (Class 10,000) | ISO Class 6 (Class 1,000) | ISO Class 5 (Class 100) | ISO Class 4 (Class 10) |
|-------------|--------------------------------|-------------------------------|------------------------------|----------------------------|---------------------------|
| Hair cover | • | • | • | • | • |
| Hood | | | | • | • |
| Face mask | | | | • | • |
| Frock | • | • | | | |
| Coverall | | | • | • | • |
| Shoe covers | • | • | | | |
| Boots | | | • | • | • |

A, B, C, D rating table

| Maximum permitted number of particles equal to or greater than 0.5 µm | | |
|---|--|---|
| Grade | At rest equal to or greater than 0.5 µm per m ³ | In operation equal to or greater than 0.5 µm per m ³ |
| A | 3 520 | 3 520 |
| B | 3 520 | 352 000 |
| C | 352 000 | 3 520 000 |
| D | 3 520 000 | Not defined |

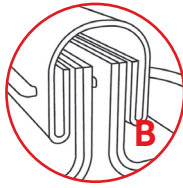
Gowning recommendations

Seam construction—even the best protective fabrics are useless without strong, tight seams.



Serged or sewn

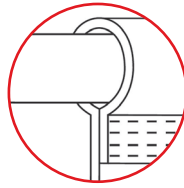
A seam produced when three threads are interlocked around the raw edges of two pieces of material for a strong, stress-resistant seam.



Bound

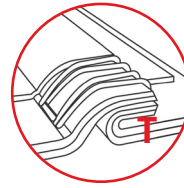
Tightly sewn with a reinforced outer binding to increase seam strength and barrier.

For potential misting exposure of nonhazardous liquids or particle penetration through the seam.



Covered elastic

Elastic covered by garment material so elastic is not exposed.



Taped

Both sewn and taped to provide strong chemical resistance against heavy liquid splashes and tough seam stress.

A sewn seam is covered with a strip of compatible material by heat-sealing.



Welded

A sealed seam produced when materials are lapped and thermally welded. There are no fillers, thread, or needle holes.

Select Sierra™ masks have welded seams.



DuPont™ SafeSPEC™—we're here to help

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

safespec.dupont.asia



Contamination & Bioburden protection

cleanroomprotection.dupont.asia

Garment processing and packaging options

Sterile

Clean-processed and sterile (option code CS)

Garments are specially processed to minimize particle shedding, then folded to aid in 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. Radiation dosage is validated in accordance with ISO 11137 for a Sterility Assurance Level (SAL) of 10^{-6} .

Sterile (option code OS)

Garments are folded to aid in 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. Radiation dosage is validated in accordance with ISO 11137 for a Sterility Assurance Level (SAL) of 10^{-6} .



Opaque sterile pouch packaging features a no-smear label.

Non-sterile

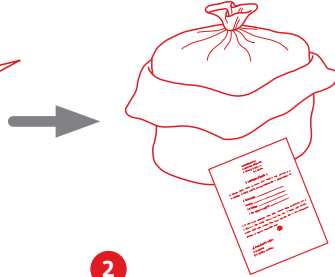
Bulk (option code OB or OO)

Case quantities are packed in a cardboard case with two polyethylene liners. Tychem® garments are packed in a cardboard case with a single polyethylene liner.

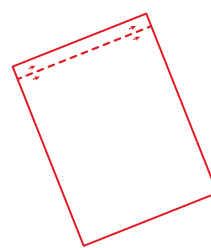
Sterile packaging process—Critical assurance sterile apparel multilevel packaging



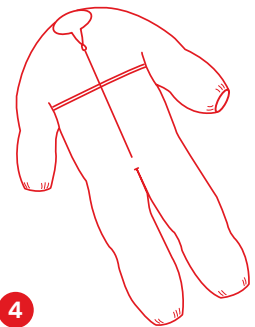
1 Outer shipping carton is securely sealed. Carton displays product label, sterile dot indicator, and fully traceable lot number.



2 Multilevel interior packaging features one or two polyethylene carton liners. 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.

Tyvek® IsoClean®

Clean-processed and Sterile garment systems



Tyvek® IsoClean® Clean-processed and Sterile: All In One System



Mask
ML7360 OS

Coverall IC109 OS

- Clean-processed and sterile garment
- Attached elastic hood
- Serged internal seams
- Elastic wrists and ankles
- Zipper closure
- Set sleeve with thumb loops
- Attached Boots with PVC soles
- Aseptically folded



Scan or Click
for more information!

| Mask | |
|-----------------|-----------|
| Production Size | ML7360 OS |
| Pack Size | 250 |
| One size | D13473980 |

| Coverall | |
|-----------------|-----------|
| Production Size | IC109 OS |
| Pack Size | 25 |
| MD | D15539014 |
| LG | D15539015 |
| XL | D15539016 |
| 2X | D15539017 |
| 3X | D15539018 |

Tyvek® IsoClean® Sterile: 2 Piece System



Mask
ML7360 0S



Boot cover
IC457S 0S
OR
IC458B CS

Coverall
IC187S 0S

- Gamma sterilized to an SAL of 10⁻⁶
- Serged internal seams
- Attached elastic hood
- Set sleeve with attached thumb loops
- Elastic wrists and ankles
- Zipper closure
- Aseptically folded



ISO 11137-1



Option 0S



Scan or Click
for more information!

| Production Size | Mask | | Boot cover | |
|-----------------|-----------|-----------|------------|-----------|
| | ML7360 0S | IC457S 0S | IC457S 0S | IC458B CS |
| Pack Size | 250 | 100 | 100 | 100 |
| One size | D13473980 | - | - | - |
| SM | - | D14238489 | D15046115 | |
| MD | - | D14238474 | D14246800 | |
| LG | - | D14238462 | D14246814 | |
| XL | - | D14238497 | D14246825 | |

| Production Size | Coverall |
|-----------------|-----------|
| | IC187S 0S |
| Pack Size | 25 |
| SM | D15552541 |
| MD | D15552662 |
| LG | D15552663 |
| XL | D15552664 |
| 2X | D15552665 |
| 3X | D15552666 |

Tyvek® IsoClean® Clean-processed and Sterile: 3 Piece System



Mask
ML7360 OS



Hood options



IC668B CS



IC666B CS



Boot cover
IC458B CS

Coverall

IC253B CS

- Clean-processed & sterile garment (CS)
- Bound seams
- Bound neck
- Dolman sleeve
- Covered elastic wrists and ankles
- Zipper closure
- Coveralls are also available in sterile only IC253B OS



ISO 11137-1



Option CS



Scan or Click for more information!

| Production Size | Mask | Boot cover | Hood | |
|-----------------|-----------|------------|-----------|-----------|
| | ML7360 OS | IC458B CS | IC668B CS | IC666B CS |
| Pack Size | 250 | 100 | 100 | 100 |
| One size | D13473980 | - | D14244886 | - |
| SM | - | D15046115 | - | - |
| MD | - | D14246800 | - | D13473545 |
| LG | - | D14246814 | - | D13473515 |
| XL | - | D14246825 | - | - |

| Production Size | Coverall | |
|-----------------|-----------|-----------|
| | IC253B CS | IC253B OS |
| Pack Size | 25 | 25 |
| SM | - | D14238298 |
| MD | D14238284 | D14239276 |
| LG | D14238261 | D14238254 |
| XL | D14238328 | D14238317 |
| 2X | D14238207 | D14238194 |
| 3X | D14238224 | D14238219 |
| 4X | D14238243 | D14238234 |

Tyvek® IsoClean®

Clean-processed and Sterile Range



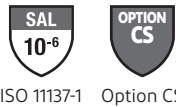
Tyvek® IsoClean® Clean-processed and Sterile Coveralls



Coverall IC109 OS

MD: D15539014
LG: D15539015
XL: D15539016
2X: D15539017
3X: D15539018

- Gamma sterilized to SAL of 10^{-6}
- Clean-processed and sterile garment (CS)
- Attached elastic hood
- Serged internal seams
- Elastic wrists and ankles
- Zipper closure
- Set sleeve with thumb loops
- Attached Boots with slip retardant PVC soles
- Aseptically folded



ISO 11137-1 Option CS



Coverall IC187S OS

SM: D15552541
MD: D15552662
LG: D15552663
XL: D15552664
2X: D15552665
3X: D15552666

- Gamma sterilized to SAL of 10^{-6}
- Sterile garment (OS)
- Serged internal seams
- Attached elastic hood
- Set sleeve with attached thumb loops
- Elastic wrists and ankles
- Zipper closure
- Aseptically folded



ISO 11137-1 Option OS



Coverall IC253B CS

MD: D14238284
LG: D14238261
XL: D14238328
2X: D14238207
3X: D14238224
4X: D14238243

- Gamma sterilized to SAL of 10^{-6}
- Clean-processed & sterile garment (CS)
- Bound seams
- Bound neck
- Dolman sleeve
- Covered elastic wrists and ankles
- Zipper closure



ISO 11137-1 Option CS



Coverall IC253B OS

SM: D14238298
MD: D14239276
LG: D14238254
XL: D14238317
2X: D14238194
3X: D14238219
4X: D14238234

- Gamma sterilized to SAL of 10^{-6}
- Sterile garment (OS)
- Bound seams
- Bound neck
- Dolman sleeve
- Covered elastic wrists and ankles
- Zipper closure



ISO 11137-1 Option OS





Hood IC668B CS

One size: D14244886

- Gamma sterilized to SAL of 10^{-6}
- Clean-processed
- Bound seams
- Bound hood
- Full face opening
- Ties with loops for adjustable fit



ISO 11137-1 Option CS



Hood IC666B CS

MD: D13473545
LG: D13473515

- Gamma sterilized to SAL of 10^{-6}
- Clean-processed
- Bound seams
- Bound hood
- Eyes-only opening
- Snaps for adjustable fit



ISO 11137-1 Option CS



Boot cover IC458B CS

SM: D15046115
MD: D14246800
LG: D14246814
XL: D14246825

- Gamma sterilized to SAL of 10^{-6}
- Clean-processed
- Bound seams
- Gripper™ soles
- 18" high boot cover with covered elastic top
- Ties at ankles



ISO 11137-1 Option CS



Boot cover IC457S OS

SM: D14238489
MD: D14238474
LG: D14238462
XL: D14238497

- Gamma sterilized to SAL of 10^{-6}
- Sterile only
- Serged seams
- PVC soles
- 18" high boot cover with covered elastic top
- Ties at ankles



ISO 11137-1 Option OS



Tyvek® IsoClean® Clean-processed and Sterile Accessories



Sleeve IC501B CS

One size: D14238514

- Gamma sterilized to SAL of 10^{-6}
- Clean-processed
- Bound seams
- Covered with elastic at both ends
- 18" long



ISO 11137-1



Option CS



qty. x100



Mask ML7360 OS

One size: D13473980

- Gamma sterilized to SAL of 10^{-6}
- Sterile only
- 9" size with bound Tyvek® ties for cleanroom use
- Pleated rayon outer facing
- Metal nose fit



ISO 11137-1



Option OS



qty. x250



Bouffant IC729S CS

One size: D14238531

- Gamma sterilized to SAL of 10^{-6}
- Clean-processed
- Elastic headband



ISO 11137-1



Option CS



qty. x250



Tyvek® and Tychem® Non-Sterile Range



Tyvek® IsoClean® Non-Sterile Range



Gown

IC701S 00

One size: D13395998

- Tyvek® IsoClean® Gown
- Serged seams
- Bound neck with ties
- Knit cuffs
- Bound ties originating at centre front waist
- 39" gown length



Gown

IC702S 00

MD: D15531629
2X: D15531630

- Tyvek® IsoClean® Gown
- TGA: ARTG 342916
- CE Cat III
- Serged seams
- Bound neck with ties
- Knit cuffs
- Bound ties originating at centre front waist
- 51" gown length



CAT III



TYPE PB
[6-B]



EN14126



Bouffant

IC729S 0B

One size: D14246919

- Tyvek® IsoClean® Bouffant
- Serged seams
- Elastic headband
- Bulk packaged
- 21.5" diameter



Frock

IC262S 0B

SM: D14247830
MD: D14247825
LG: D14247818
XL: D14247807
2X: D14247798
3X: D14247788
4X: D14247774

- Tyvek® IsoClean® Frock
- Serged seams
- High mandarin collar with snap
- Elastic wrists
- Front snap closure



Tyvek® 500 Non-Sterile Range



Shoe cover

TYPOSA

36-42: D13398565
42-46: D13398551

- Tyvek® 500 shoe cover
- Slip-retardant sole
- Elastic ankle
- Stitched internal seams



CAT III



TYPE PB
[6-B]



EN14126



1149-1



qty. x200



Boot cover

TYPOBA

One size: D13395989

- Tyvek® 500 boot cover
- Slip-retardant sole
- Stitched internal seams
- Elastic top
- Fixations ties



CAT III



TYPE PB
[6-B]



EN14126



1149-1



qty. x200



Sleeve

TYPS32

One size: D13398912

- Tyvek® 500 sleeve
- Elastic openings
- Stitched internal seams
- Blue stitches on upper arm



CAT III



TYPE PB
[6-B]



EN14126



1149-1



qty. x200



Tyvek® 500 Non-Sterile Range



Apron

TYPA30

One size: D13396088

- Tyvek® 500 Apron
- Shin-length
- Neck and waist ties



CAT III



TYPE PB
[6-B]



EN14126



1149-1



qty. x100



Labcoat

TYPL309

MD: D13495983

LG: D13398951

XL: D13398984

2X: D13495948

- Tyvek® 500 labcoat with zipper closure
- 2 Pockets
- Elastic cuff (tunnelled)
- Stitched internal seams



CAT III



TYPE PB
[6-B]



EN14126



1149-1



qty. x50



Trousers

TYPT31

MD: D13496109

LG: D13395741

XL: D13395735

2X: D13496097

- Tyvek® 500 trousers
- Elasticated waist
- Stitched internal seams
- No pockets



CAT III



TYPE PB
[6-B]



EN14126



1149-1



qty. x50



Hood

TYPH30

One size: D13395804

- Tyvek® 500 hood
- Wide flange with elastic neck and face
- Stitched internal seams



CAT III



TYPE PB
[6-B]



EN14126



1149-1



qty. x100



Tychem® 2000 C Non-Sterile Range



Apron

TCPA30

One size: D13984657

- Tychem® 2000 C Apron
- Shin-length
- Neck and waist ties
- Partial body chemical protection against numerous concentrated inorganic chemicals and biohazards



CAT III



TYPE 3-B



EN14126



1149-1



qty. x25



Sleeve

TCPS32

One size: D13984632

- Tychem® 2000 C Sleeve
- Stitched and over-taped seams
- Partial body chemical protection against numerous concentrated inorganic chemicals and biohazards



CAT III



TYPE 3-B



EN14126



1149-1



qty. x50



Gown

TC0290

MD: D15546833

2X: D15546834

- Tychem® 2000 C Gown
- Shin-length
- Wrap-over rear closure with tie
- Stitched and over-taped seams
- Double sleeves
- Mandarin collar
- Partial body chemical protection against numerous concentrated inorganic chemicals and biohazards



CAT III



TYPE 3-B



EN14126



1149-1



qty. x25



Boot cover

TCPOBA

One size: D13984672

- Tychem® 2000 C Boot cover
- Fixation ties
- Knee-length
- Slip-retardant sole
- Stitched and over-taped seams with barrier tape for protection and strength



CAT III



TYPE 3-B



EN14126



1149-1



qty. x50



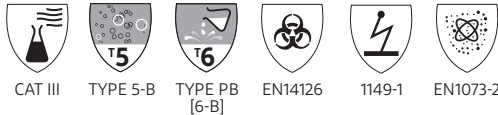
Tyvek® and Tychem® Non-Sterile Coveralls



Coverall - Tyvek® 500 Xpert TYCHF5SWH

SM: D14663953
MD: D14663967
LG: D14663977
XL: D14663986
2X: D14663997
3X: D14664003
4X: D15553613

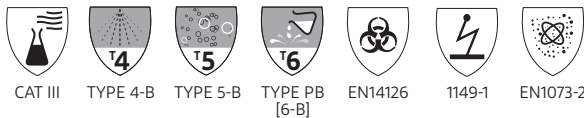
- TGA: ARTG 342911
- Suitable for GMP C&D ISO 7/8, CLASS 10,000/ 100,000 controlled environments
- CE Certified, non-sterile disposable hooded coverall
- Certified to EN 14126: 2003 (barrier to infective agents)
- Ergonomic design for optimal fit



Coverall - Tyvek® 600 Plus TYCHA5TWH

SM: D13495782
MD: D13395307
LG: D13395299
XL: D13395284
2X: D13395272
3X: D13495752
4X: D14981422

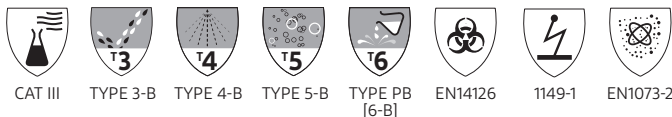
- TGA: ARTG 342912
- Suitable for GMP C&D ISO 7/8, CLASS 10,000/ 100,000 controlled environments
- CE Certified, non-sterile disposable hooded coverall
- Certified to EN 14126: 2003 (barrier to infective agents)
- Stitched and over-taped seams for extra protection and strength



Coverall - Tyvek® 800J TJ198TWH

MD: D15441661
LG: D15441676
XL: D15441684
2X: D15441698
3X: D15441708

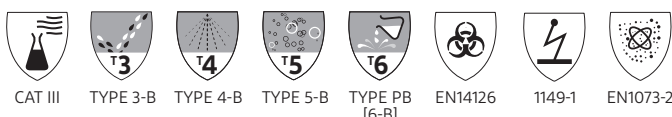
- TGA: ARTG 342913
- Suitable for GMP C&D ISO 7/8, CLASS 10,000/ 100,000 controlled environments
- CE Certified, non-sterile disposable hooded coverall
- Certified to EN 14126: 2003 (barrier to infective agents)
- Impervious fabric technology, with stitched and over-taped seams for extra protection



Coverall - Tychem® 2000 TCCHA5TYL

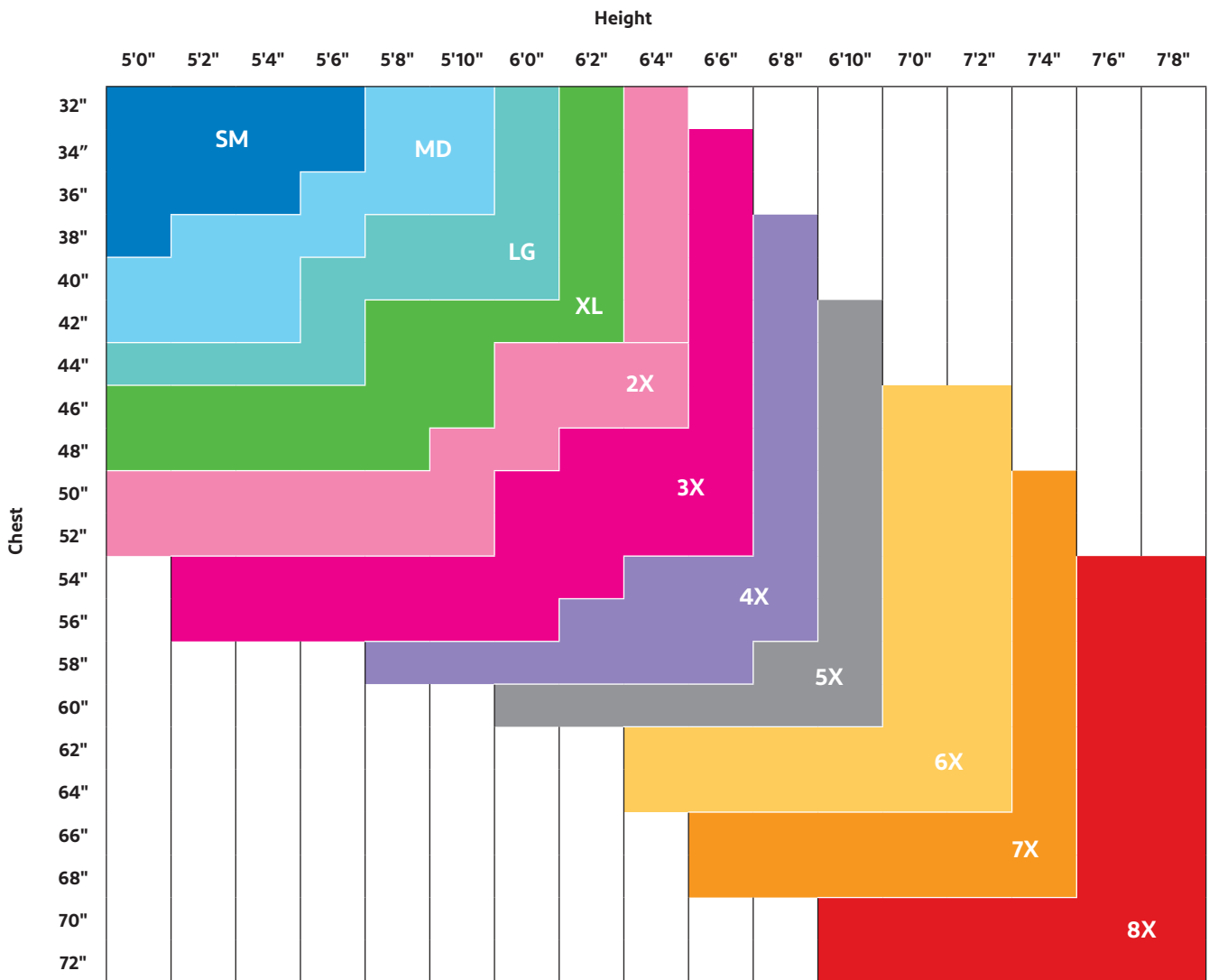
MD: D13675315
LG: D13675324
XL: D13675336
2X: D13675340
3X: D13675352

- CE Certified, non-sterile disposable hooded coverall
- Certified to EN 14126: 2003 (barrier to infective agents)
- Protection against numerous concentrated inorganic chemicals and biohazards.
- Stitched and over-taped seams with barrier tape for protection and strength
- Self-adhesive double zipper flap closure system for higher protection



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.



Garment may shrink during cleaning process. Please use your best judgment to determine the most appropriate size to order based on this chart.

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® 600 contains 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.

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® and ProClean® garments be manufactured without the use of silicone oils. Notwithstanding, DuPont cannot guarantee the absence of silicone oils on these garments.

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. 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 the 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 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.



DuPont™ SafeSPEC™—we're here to help

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

safespec.dupont.asia



DuPont Controlled Environments
safespec.dupont.asia

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

Warning: Tychem® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem® 6000 FR, Tychem® 10000 FR and Tychem® 10000 styles 600T/601T (with aluminized outer suit) garments are designed and tested to help reduce injury during escape from a flash fire. Users of Tychem® 6000 FR, Tychem® 10000 FR and Tychem® 10000 styles 600T/601T (with aluminized outer suit) 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.

- 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 anti-slip materials on the outer surface of boots, shoe covers or other garment surfaces in conditions where slipping could occur.
- ³ **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.



DPP AP Academy

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