

DuPont™ Tyvek® 400



An ideal balance of protection,
durability and comfort



- Composed of 100% flashspun high-density polyethylene breathable nonwoven fabric, only by DuPont
- Comfort-fit design, enabling greater range of movement and a more tailored fit
- Offers inherent protection and durability even after wear and abrasion
- Respirator-fit hood with elastic around face opening
- Available in coveralls, lab coats, aprons, sleeves and a variety of other apparel options

Please visit our free online DuPont™ SafeSPEC™ selector tool to determine the most appropriate protection based on your hazard risk assessment.
safespec.dupont.com

*See next page for additional garment styles and sizes.



Maintenance



Agriculture



Environmental
remediation



Food
processing



Crime scene
investigation



Industrial spray
painting



Wind turbine
manufacturing

800.864.2660 | WWW.AM-IND.COM



Part number	Garment style	Seam construction	Color	Sizes
TY120SWHXX002500	Coverall with open wrists and ankles	Serged	White	MD-7X
TY120SWHXX0006G1	Coverall with open wrists and ankles	Serged	White	MD-4X
TY120SWHXX0025VP	Coverall with open wrists and ankles	Serged	White	MD-7X
TY120SWHXX0025NF	Coverall with open wrists and ankles	Serged	White	MD-7X
TY121SWHXX0025NS	Coverall with elastic wrists and ankles and attached boots	Serged	White	MD-7X
TY122SWHXX002500	Hooded coverall with elastic wrists and ankles and attached boots	Serged	White	MD-7X
TY122SWHXX0006G1	Hooded coverall with elastic wrists and ankles and attached boots	Serged	White	MD-4X
TY122SWHXX0025NF	Hooded coverall with elastic wrists and ankles and attached boots	Serged	White	MD-7X
TY122SWHXX0025VP	Hooded coverall with elastic wrists and ankles and attached boots	Serged	White	MD-7X
TY125SWHXX002500	Coverall with elastic wrists and ankles	Serged	White	MD-7X
TY125SWHXX0006G1	Coverall with elastic wrists and ankles	Serged	White	MD-4X
TY125SWHXX0025VP	Coverall with elastic wrists and ankles	Serged	White	MD-7X
TY127SWHXX002500	Hooded coverall with elastic wrists and ankles	Serged	White	MD-7X
TY127SWHXX0006G1	Hooded coverall with elastic wrists and ankles	Serged	White	MD-4X
TY127SWHXX0025VP	Hooded coverall with elastic wrists and ankles	Serged	White	MD-7X
TY127SWHXX0025NF	Hooded coverall with elastic wrists and ankles	Serged	White	MD-7X
TY151SWHXX002500	Coverall with open wrists and ankles, snap closure	Serged	White	XL-3X
TY210SWHXX003000	Frock	Serged	White	SM-7X
TY210SWHXX0030VP	Frock	Serged	White	MD-4X
TY211SWHXX003000	Frock, knee length with elastic wrists	Serged	White	SM-7X
TY212SWHXX003000	Lab coat	Serged	White	SM-7X
TY212SWHXX0008G1	Lab coat	Serged	White	MD-4X
TY212SWHXX0030VP	Lab coat	Serged	White	MD-4X
TY212SWHXX0030NF	Lab coat	Serged	White	SM-7X
TY216SWHXX003000	Frock, mandarin collar and elastic wrists	Serged	White	SM-5X
TY273BWHXX010000	Bib style apron	Bound	White	One size fits most
TY273BWHXX0100VP	Bib style apron	Bound	White	One size fits most
TY303SWHXX005000	Shirt, long sleeves	Serged	White	SM-7X
TY303SWHXX0012G1	Shirt, long sleeves	Serged	White	MD-4X
TY303SWHXX0050VP	Shirt, long sleeves	Serged	White	MD-3X
TY350SWHXX005000	Pants with elastic waist	Serged	White	SM-7X
TY350SWHXX0012G1	Pants with elastic waist	Serged	White	MD-4X
TY350SWHXX0050VP	Pants with elastic waist	Serged	White	MD-3X
TY450SWHXX020000	Shoe cover, 5" height, elastic opening	Serged	White	One size fits most
TY450SWHXX0200LG	Shoe cover, 8.25" height, elastic opening	Serged	White	One size fits most
TY452SWHXX010000	Boot cover, 10" height, elastic opening	Serged	White	One size fits most
TY454SWHXX010000	Boot cover, 18" height, elastic opening	Serged	White	One size fits most
TY454SWHXX0100SR	Boot cover, 18" height, elastic opening and ankles, skid-resistant soles	Serged	White	LG-XL
TY500SWHXX020000	Sleeves, 18" length, elastic top and wrist	Serged	White	One size fits most
TY500SWHXX0200NF	Sleeves, 18" length, elastic top and wrist	Serged	White	One size fits most
TY657SWHXX010000	Hood, shoulder length, elastic face	Serged	White	One size fits most
FC450SGYXX020000	Shoe cover, friction coated, 5" height with elastic opening and elastic toe, sole and heel seam	Serged	Gray	One size fits most
FC450SGYXX0200NF	Shoe cover, friction coated, 5" height with elastic opening and elastic toe, sole and heel seam	Serged	Gray	One size fits most
FC454SGYXX010000	Boot cover, friction coated 18" height with elastic opening	Serged	Gray	One size fits most

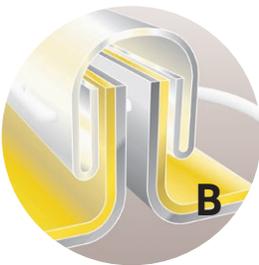
Seam construction

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.



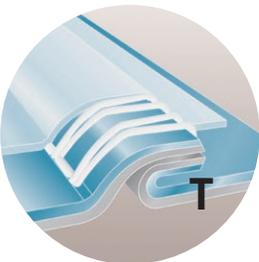
Serged or sewn*

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.



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.

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

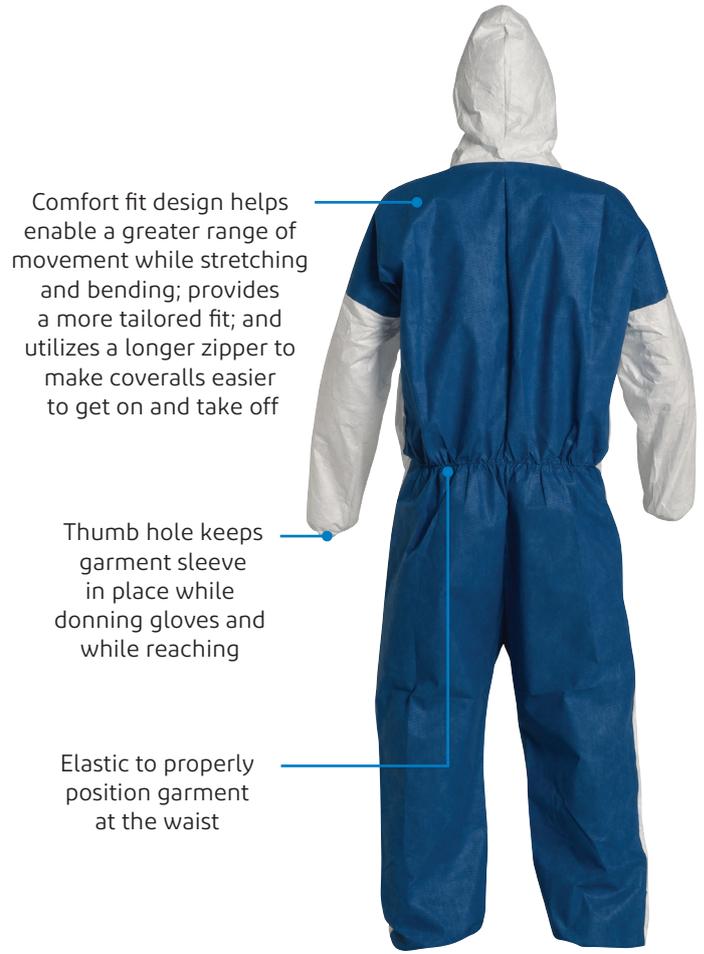
DuPont™ Tyvek® 400 D



Innovative Tyvek® garment design that allows heat to escape

Tyvek® 400 D fabric front provides an inherent barrier to fine particles and light liquid splash while not sticking to tacky resins.

ProShield® 10 fabric back helps increase breathability and reduce heat stress.



TD127S (with hood)



TD350S (pants)



Fiberglass & composites manufacturing



Wind turbines



Boat construction & repair



Remediation



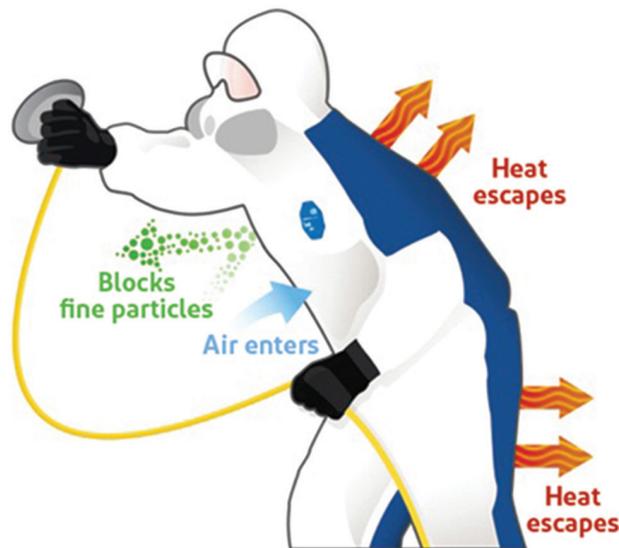
Maintenance





Tyvek® 400 D garments

- Designed with trusted Tyvek® protection in the front (for limited protective requirements for frontal exposures) and breathable spunbond-meltblown-spunbond (SMS) fabric in the back to allow air to flow and heat to escape
- Durable, inherent barrier to fine particles on the front
- Protection from nonhazardous dry particles and light liquid splash applications on the back
- Stands up to challenges ranging from tacky resin molds that can stick to (or delaminate) other garments to sanding and grinding operations that release fine airborne particulates



Reference: TD125S (collared) / TD127S (with hood) / TD350S (pants)

Color: White front, blue back

Size: MD-4X (coveralls)
MD-5X (pants)

DuPont™ SafeSPEC™—we're here to help

Our powerful web-based tool can assist you with finding the appropriate DuPont garment for chemical or cleanroom environments. safespec.dupont.com



Certified Industrial Hygienist team

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



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DuPont™ Tyvek® 500 HV



High-visibility Tyvek® garment with protection that does not wash out



ANSI/ISEA 107
Type R Class 3



EN 1149-5



EN 1073-2*
Class 1



EN 14126



- Durability and breathability of Tyvek® in a high-visibility garment
- Bright fluorescent orange color background material combined with silver gray retroreflective material make the garment highly visible during the day and at night (when exposed to a light source)
- Retroreflective bands form a symmetric "X" on the back of the coverall to distinguish rearward and forward orientation of the wearer
- Large, easy-to-grasp zipper pull
- Available in hooded and non-hooded coveralls

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safespec.dupont.com



Transportation
(rails, ports, airports)



Mining



Waste handling



Construction

*Does not protect against ionizing radiation.





Part number	Garment style	Seam construction	Color	Sizes
TY125SHVXX0025XC	Coverall	Serged	HV orange	SM-6X
TY127SHVXX0025XC	Hooded coverall	Serged	HV orange	SM-6X



DuPont™ SafeSPEC™—we're here to help

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

Certified Industrial Hygienist team

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Tyvek® 500, Tyvek® 600 and Tyvek® 800 contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products and should also be reported to DuPont at 1-800-441-3637 (outside the U.S. 1-302-774-1139).

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



DuPont™ Tyvek® 600



Innovative protection against water-based inorganic chemicals



- Composed of 100% flashspun high-density polyethylene, only by DuPont
- Chemical protective clothing (Category III, Type 4-B, 5-B & 6B)
- Offers chemical permeation barrier to low concentration water-based inorganic chemicals
- Antistatic treatment on both sides of the fabric
- EN 1073-2 certified
- Elastic thumb loops to ensure sleeves stay in place

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safespec.dupont.com



Pharmaceutical
handling



Medical



Research &
laboratories



Nuclear



Maintenance

DuPont™ Tyvek® 800



Liquid-tight protection with the comfort and durability of Tyvek®



This garment is ideal for situations that require protection from heavy liquid spray, even in a pressurized jet form.

- Effective barrier against many water-based inorganic chemicals in low concentration and particles (down to 1.0 micron in size)
- Protection against infective agents (EN 14126), including resistance to penetration by blood and body fluids using synthetic blood (ISO 16603) and resistance to penetration by blood-borne pathogens using Phi-X174 bacteriophage (ISO 16604)
- Oil repellent

Please visit our free online DuPont™ SafeSPEC™ selector tool to help you determine the most appropriate protection based on your hazard risk assessment.

safespec.dupont.com



Industrial cleaning



Chemical handling



Waste management



Environmental remediation



Pharmaceutical applications

Reference: TJ198T

Color: White

Size: SM-7X



Where does Tyvek® 800 fit in our portfolio?

Tyvek® 800 resides between Tyvek® 600 and Tychem® 2000 serged seam offerings.



Standard Tyvek®

Tyvek® 800 provides better liquid protection.

Tyvek® 800

With a Tyvek® base, added chemical protection and taped seams.

DuPont™ Tychem® 2000

Tyvek® 800 offers comfort advantages over Tychem® 2000 due to weight and water vapor permeability.



DuPont™ SafeSPEC™—we're here to help

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



Certified Industrial Hygienist team

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



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DuPont™ Tychem® 2000



Lightweight and durable protection against chemical threats



- Composed of Tyvek® fabric with a polyethylene coating
- Provides at least 30 minutes of protection against >40 chemical challenges
- Suitable for light splash protection for a variety of industrial environments
- Provides protection in pandemic preparedness activities when paired with other appropriate personal protective equipment (PPE) including masks, gloves and eye protection
- Tychem® 2000 fabrics with taped seams have been tested and have passed the requirements of ASTM Standards F1670 and ASTM F1671, the recognized blood and viral penetration test methods in North America
- Available in a variety of garment styles

Please visit our free online DuPont™ SafeSPEC™ selector tool to help you determine appropriate protection based on your hazard risk assessment and to view our additional design offerings.

safespec.dupont.com



Petroleum



Pulp & paper



Food processing



Chemical processing



Pharmaceutical industries





Personal protective equipment (PPE) for the general manufacturing sector

DuPont offers a wide range of protective clothing—from low protection to high—that addresses the needs of manufacturing workers. With DuPont protective apparel, employers can enjoy peace of mind knowing that their workers are protected from a variety of hazards so that they can perform at their best.

Uses for DuPont PPE to protect workers

General manufacturing consists of the following industries, all of which require different levels of PPE depending on the activity and hazard faced:

- Transportation equipment
- Large equipment/machinery
- Textile and apparel production
- Composites manufacturing
- Metal fabrication
- Paper and pulp

Customer support—we're here to help



SafeSPEC™

DuPont™ SafeSPEC™, our powerful web-based tool, can assist you with finding the appropriate DuPont garments for chemical and thermal hazards and controlled environments. SafeSPEC™ has a full permeation test results database for DuPont™ Tychem® fabrics and allows you to search by hazard to help find the appropriate protection. The SafeSPEC™ app is also available for mobile use.

safespec.dupont.com

Certified Industrial Hygienist team and Technical Experts

A DuPont Certified Industrial Hygienist can conduct a job hazard assessment to help you determine an ideal DuPont garment for a specific hazard. DuPont Technical Experts are also available to work side by side with the HSE manager to help simplify the process for them to properly match PPE to the hazards your workers face.

DuPont options**		Dirty jobs	General industrial maintenance	Hazardous particulate protection	Spray painting	Pressurized spraying/cleaning	Composite manufacturing	Chemical handling
	ProShield® 6 SFR¹ Lightweight, disposable overgarment designed to help protect and preserve primary flame-resistant (FR) garments		✓					
	ProShield® 10^{*2} SMS garment that offers comfort and quality at an affordable price	✓						
	ProShield® 50/60^{*2} MPF garment provides a barrier against a variety of non-hazardous aerosols, liquids and dry particles	✓	✓	✓				
	Tyvek® 400D² The protection, durability and comfort of Tyvek® fabric on the front and the comfort, softness and breathability of ProShield® 10 fabric on the back	✓	✓	✓	✓		✓	
	Tyvek® 400^{*2} An ideal balance of comfort, durability and protection for workers against hazardous particulates and light liquid splash	✓	✓	✓	✓		✓	
	Tyvek® 800^{*2} Combines resistance to low-concentration, water-based chemicals with the comfort, protection and durability of Tyvek®				✓	✓	✓	

Comparison within the DuPont portfolio: ✓ Acceptable for use
(Blank) Not recommended

continued

DuPont options**	Dirty jobs	General industrial maintenance	Hazardous particulate protection	Spray painting	Pressurized spraying/cleaning	Composite manufacturing	Chemical handling
 <p>Tychem® 2000² Flexible, durable and lightweight protection from more than 40 chemical challenges</p>				✓	✓	✓	✓
 <p>Tychem® 2000 Tape² Flexible seal that helps to keep PPE items in place and helps provide protection against a variety of inorganic acids and bases</p>	✓	✓	✓	✓	✓	✓	✓
 <p>Tychem® 6000² Lightweight, multi-threat protection from a range of chemicals, including TICs and CWAs</p>					✓	✓	✓

Comparison within the DuPont portfolio: ✓ Acceptable for use
(Blank) Not recommended

****WARNING:** Tyvek®, ProShield®, and most Tychem® garments including Tychem® 2000 Tape, should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR and Tychem® 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. [Users of Tychem® 10000 FR, Tychem® 6000 FR, Tychem® 2000 SFR, and ProShield® 6 SFR garments should not knowingly enter an explosive environment.](#) Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

¹ProShield® 6 SFR and Tychem® 2000 SFR coveralls provide only secondary flame-resistant protection. They must always be worn over an appropriate primary flame-resistant garment in an environment that needs flame protection, along with other personal protective equipment that protects your face, hands and feet.

²Do not wear non-flame-resistant garments in potentially flammable or explosive environments. Instead, consider use of flame-resistant or secondary flame-resistant garments, which must be worn over primary flame-resistant garments.

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