



TY198T WH

# DuPont™ Tyvek® 600

DuPont™ Tyvek® 600. Coverall with hood. Serged and over-taped seams. Elastic thumb loops. Elastic wrists, ankles and face. Elastic waist (glued-in). Self-adhesive Tyvek® Storm flap. Self-adhesive chin flap. Semi-auto locking slider zipper pull. White. Packaged Individually.

Name	Description
Full Part Number	TY198TWHxx0025yy (xx=size;yy=option code)
Fabric/Materials	TYVEK® 600
Design	Hooded coverall
Seam	Serged and over-taped
Color	White
Quantity/Box	25 per case
Sizes	SM, MD, LG, XL, 2X, 3X, 4X, 5X, 6X, 7X
Option Codes	PI

## FEATURES & PRODUCT DETAILS

Tyvek® 600 garments are composed of flash spun high density polyethylene which creates a unique, nonwoven material available only from DuPont. Tyvek® garments provide an ideal balance of protection, durability and comfort. They are now available with serged and over-taped seams that provides the performance of Type 4/5/6 garments, which have been tested to standards against heavy liquid aerosols and airborne solid particles. The coveralls provide an effective barrier against many water-based inorganic chemicals in low concentration and particles (down to 1.0 micron in size). Tyvek® 600 coveralls are suitable for applications such as pharmaceutical manufacturing, medical applications, research and biosecurity laboratories, nuclear and maintenance. Tyvek® 600 Type 4/5/6 coveralls offer the following safety and comfort benefits:

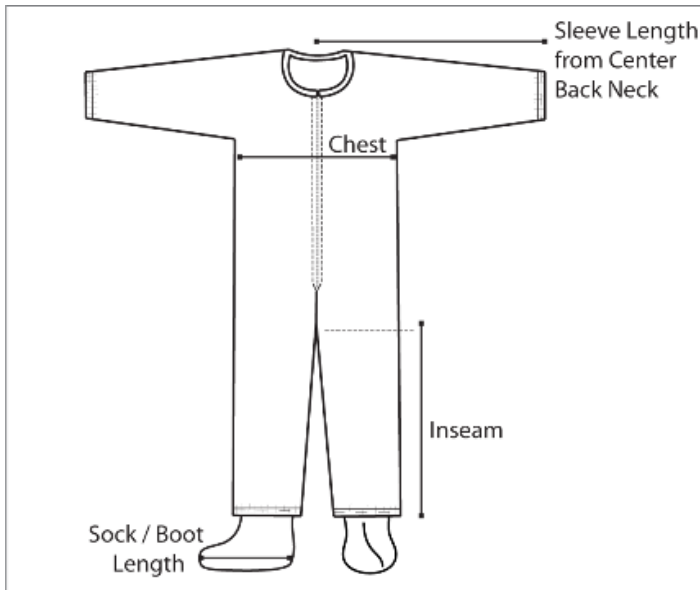
- Zipper features a semi-automatic locking slider allowing the puller to stay down and in a locked position
- Chemical protective clothing, Category III, Type 4-B, 5-B and 6-B
- EN 1073-2 (protection against radioactive contamination)
- Protection against infective agents (EN 14126) including resistance to penetration by blood and body fluids using synthetic blood (ISO 16603)
- Antistatic treatment (EN 1149-5) - on both sides.
- Fabric and seams offer chemical permeation barrier to low concentration water-based inorganic chemicals
- Serged and over-taped seams for protection and strength
- Self-adhesive chin flap for tight seal of suit to the mask
- Elastic face, wrists and ankles as well as glued-in waist elastic
- Elastic thumb loops keep sleeves in place
- Packaged Individually
- Products made after January, 2023 are manufactured under specifications that do not contain natural rubber latex.

AVAILABLE OPTIONS

Option Code	Description	Sizes	Part Number
PI	Standard_PI	SM,MD,LG,XL,2X,3X,4X,5X,6X,7X	TY198TWH7X0025PI

## SPECIFICATIONS

- The garment shall be constructed of DuPont™ Tyvek® 400-- a patented flash-spun polyethylene fabric.
- The garment shall be white in color.
- The garment shall have serged and over taped seams.
- The garment shall have elastic ankles and wrists.
- The garment shall have self-adhesive chin flap for tight seal of suit to the mask.
- The garment shall have a hood.
- The garment shall have a front zipper closure with adhesive storm flap.
- The garment shall have elastic thumb loops.
- The garment shall be a coverall design.
- The garment shall have an elastic waist.



## FINISHED DIMENSIONS

Size	Sleeve Length	Chest Width	Inseam	Fits Chest	Fits Height
SM	35 1/2	22	31 3/4	33 - 36	5'4" - 5'7"
MD	36 1/4	24	32	36 - 39	5'6" - 5'9"
LG	37 1/2	26	33	39 - 43	5'8" - 6'0"
XL	38 1/2	28	33 1/4	43 - 46	5'11" - 6'2"
2X	39 3/4	30	34	46 - 49	6'1" - 6'4"
3X	41	32	34 3/4	49 - 52	6'3" - 6'7"
4X	41 1/2	34	35	52 - 55	6'7" - 6'10"
5X	41 3/4	35 3/4	35	55 - 58	6'10" - 7'1"
6X	42	37 3/4	35	58 - 61	6'10" - 7'1"
7X	42 1/2	39 3/4	35 1/4	61 - 64	6'10" - 7'1"

#### **ADDITIONAL EQUIPMENT NEEDED**

- Wear other appropriate PPE such as, but not limited to, respiratory, eye, head, hand, and foot protection based on the hazard assessment.

## Physical Properties



Data relating to mechanical performance of the fabrics used in DuPont chemical protective clothing, listed for the selected garment according to the test methods and relevant European standard, if applicable. Such properties, including abrasion and flex-cracking resistance, tensile strength and puncture resistance can help in the assessment of protective performance.

Property	Test Method	Typical Result
Thickness (PPSH-249)	DIN EN ISO 534	140 µm
Basis Weight	DIN EN ISO 536	41.5 g/m <sup>2</sup>
Burst Strength - Mullen.	ISO 2758	345 kPa
Tear Resistance - Trap Tear (MD)	EN ISO 9073-4	27 N
Tear Resistance - Trap Tear (CD)	EN ISO 9073-4	20 N
Tensile Strength (MD)	DIN EN ISO 13934-1	82 N
Tensile Strength (XD)	DIN EN ISO 13934-1	68 N
Hydrostatic Head	AATCC 127	48 inches H <sub>2</sub> O
Surface Resistivity (23°C / 25% RH)	EN 1149-1	<2.5 x 10 <sup>9</sup> ohms
Wearing Apparel Flammability	16 CFR 1610	Class 1



## CHEMICAL RESISTANCE

Hazard / Chemical Name	Cas Number	Phase	Normalized Break Through .
Acetic acid (30%)	64-19-7	Liquid	imm
Ammonium hydroxide (16%)	1336-21-6	Liquid	imm
Ammonium hydroxide (28% - 30%)	1336-21-6	Liquid	imm
Carboplatin (10 mg/ml)	41575-94-4	Liquid	>240
Carmustine (3.3 mg/ml, 10 % Ethanol)	154-93-8	Liquid	imm
Caustic ammonia (16%)	1336-21-6	Liquid	imm
Caustic ammonia (28% - 30%)	1336-21-6	Liquid	imm
Caustic soda (10%)	1310-73-2	Liquid	>480
Caustic soda (40%)	1310-73-2	Liquid	>30
Caustic soda (50%)	1310-73-2	Liquid	>30
Caustic soda (>95%, solid)	1310-73-2	Solid	>480
Cisplatin (1 mg/ml)	15663-27-1	Liquid	>240
Cyclo phosphamide (20 mg/ml)	50-18-0	Liquid	>240
Dimethyl sulfate	77-78-1	Liquid	imm
Doxorubicin HCl (2 mg/ml)	25136-40-9	Liquid	>240
Ethane 1,2-diol	107-21-1	Liquid	imm
Ethylene glycol	107-21-1	Liquid	imm
Etoposide (Toposar®, Teva) (20 mg/ml, 33.2 % (v/v) Ethanol)	33419-42-0	Liquid	>240
Fluorouracil, 5- (50 mg/ml)	51-21-8	Liquid	imm
Formic acid (30%)	64-18-6	Liquid	imm
Ganciclovir (3 mg/ml)	82410-32-0	Liquid	>240
Gemcitabine (38 mg/ml)	95058-81-4	Liquid	>60
Glycerine	56-81-5	Liquid	>480
Glycerol	56-81-5	Liquid	>480
Glycol alcohol	107-21-1	Liquid	imm
Hydrochloric acid (16%)	7647-01-0	Liquid	imm
Hydrochloric acid (32%)	7647-01-0	Liquid	imm
Hydrogen peroxide (10%)	7722-84-1	Liquid	>10
Hydrogen peroxide (30%)	7722-84-1	Liquid	imm
Ifosfamide (50 mg/ml)	3778-73-2	Liquid	imm

Hazard / Chemical Name	Cas Number	Phase	Normalized Break Through .
Irinotecan (20 mg/ml)	100286-90-6	Liquid	>240
Methotrexate (25 mg/ml, 0.1 N NaOH)	59-05-2	Liquid	>240
Mitomycin (0.5 mg/ml)	50-07-7	Liquid	>240
Nicotine (9 mg/ml)	54-11-5	Liquid	>480
Nitric acid (10%)	7697-37-2	Liquid	>120
Nitric acid (30%)	7697-37-2	Liquid	imm
Oxaliplatin (5 mg/ml)	63121-00-6	Liquid	imm
Paclitaxel (Hospira) (6 mg/ml, 49.7 % (v/v) Ethanol)	33069-62-4	Liquid	>240
Phosphoric acid (50%)	7664-38-2	Liquid	>480
Potassium chromate (sat)	7789-00-6	Liquid	>480
Potassium hydroxide (40%)	1310-58-3	Liquid	imm
Propane -1,2,3-triol	56-81-5	Liquid	>480
Sodium acetate (sat)	127-09-3	Liquid	>480
Sodium chloride (9 g/l)	7647-14-5	Liquid	>240
Sodium hydroxide (10%)	1310-73-2	Liquid	>480
Sodium hydroxide (40%)	1310-73-2	Liquid	>30
Sodium hydroxide (50%)	1310-73-2	Liquid	>30
Sodium hydroxide (>95%, solid)	1310-73-2	Solid	>480
Sodium hypochlorite (10-15 % active chlorine)	7681-52-9	Liquid	>240
Sodium hypochlorite (5.25-6%)	7681-52-9	Liquid	>480
Sulfuric acid (18%)	7664-93-9	Liquid	>240
Sulfuric acid (30%)	7664-93-9	Liquid	>240
Sulfuric acid (50%)	7664-93-9	Liquid	>30
Sulfuric acid dimethyl ester	77-78-1	Liquid	imm
Thiotepa (10 mg/ml)	52-24-4	Liquid	imm
Vincristine sulfate (1 mg/ml)	2068-78-2	Liquid	>240
Vinorelbine (0.1 mg/ml)	71486-22-1	Liquid	>240

BT0.1 Normalized breakthrough time at 0.1 µg/cm<sup>2</sup>/min [mins] CAS Chemical abstracts service registry number min  
Minute > Larger than < Smaller than imm Immediate (< 10 min) nm Not tested sat Saturated solution N/A Not  
Applicable na Not attained GPR grade General purpose reagent grade \* Based on lowest single value 8 Actual

breakthrough time; normalized breakthrough time is not available DOT5 Degradation after 5 min DOT30 Degradation after 30 min DOT60 Degradation after 60 min DOT240 Degradation after 240 min BT1383 Normalized breakthrough time at 0.1 µg/cm<sup>2</sup>/min [mins] acc. ASTM F1383

## SPECIAL WARNINGS

- 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.

### Important Note:

- \*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® 400, Tyvek® 400 D, ProShield®, ProShield® 10, ProShield® 60, Tyvek® 400 FC, and ProShield® 70 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. 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.
- Tyvek® 600 products manufactured before January 2023 did 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 (888) 439-2988 so that an investigation can be initiated.
- \*\*Garments made using Tyvek® 400, Tyvek® 500, Tyvek® 600 and Tyvek® 800 fabrics will burn and possibly melt. None of these garments should be worn near heat, open flames, sparks or any other possible ignition source nor should they be worn in potentially explosive or flammable environments. If these garments do burn or melt while being worn, it may increase the severity of burn injuries even when worn over garments which are flame resistant, including, but not limited to, Nomex® IIIA or Nomex® Comfort garments.
- \*CAUTION: 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 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 informational 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. Please contact DuPont for specific data. If fabric becomes torn, abraded or punctured, or if seams or closures fail, or if attached gloves, visors, etc. are damaged, end user should discontinue use of garment to avoid potential exposure to chemical. Since conditions of use are outside our control, we make no warranties, express 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 or technical information of DuPont or others covering any material or its use.

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