



TD350S WB

# DuPont™ Tyvek® 400 D

Effective January 2023, Tyvek® 400 D Pants are discontinued. Tyvek® 400 Pants available. DuPont™ Tyvek® 400 D Pants. Open Ankles. Elastic Waist. Serged Seams. Tyvek® 400 Front, ProShield® 10 Back

| Name             | Description                               |
|------------------|---|
| Full Part Number | TD350SWBxx0050yy (xx=size;yy=option code) |
| Fabric/Materials | TYVEK® 400 D                              |
| Design           | Dual Pants                                |
| Seam             | Serged                                    |
| Color            | White Front, Blue Back                    |
| Quantity/Box     | 50 per case                               |
| Sizes            | MD, LG, XL, 2X, 3X, 4X, 5X                |
| Option Codes     | CM  |

## FEATURES & PRODUCT DETAILS

DuPont™ Tyvek® 400 D garments combine the protection, durability and comfort of DuPont™ Tyvek® fabric on the front and the comfort, softness and breathability of DuPont™ ProShield® 10 fabric on the back. The DuPont™ Tyvek® 400 D garments are suitable for applications where comfort requirements are combined with limited protective requirements for frontal exposures. Garments are available in a variety of styles. Applications include fiberglass and composite manufacturing, wind turbines, boat construction and repair, remediation, and maintenance.

- Pants with open ankle and elastic at waist for easy donning and removal.
- Suitable for applications that do not require the full body coverage of a coverall.
- Manufactured under specifications that do not contain natural rubber latex.

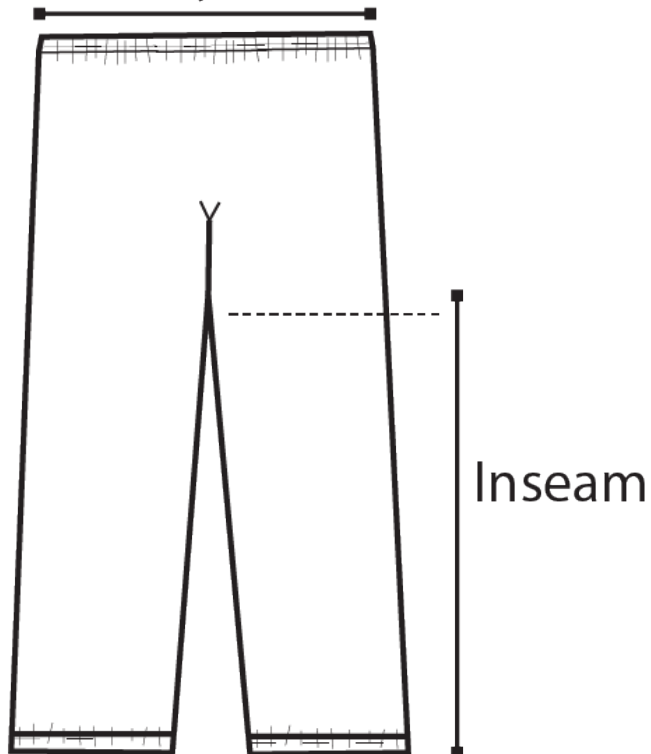
AVAILABLE OPTIONS

| Option Code | Description                         | Sizes                | Part Number      |
|-------------|-------------------------------------|----------------------|------------------|
| CM          | Standard (for DuPont™ Tyvek® 400 D) | MD,LG,XL,2X,3X,4X,5X | TD350SWBxx0050CM |

## SPECIFICATIONS

- The garment shall be constructed of DuPont™ Tyvek® 400-- a patented flash-spun polyethylene fabric -- in the front and DuPont™ ProShield® 10 -- a spun-bond, meltblown, sun-bond (SMS) nonwoven in the back.
- The garment shall be white in color in the front and denim blue in color in the back.
- The garment shall be a pants design.
- The garment shall have serged seams.
- The garment shall have an elastic waist.
- The garment shall have open ankles.

Waist Opening  
Elastic Fully Extended



## FINISHED DIMENSIONS

| Size | Inseam | Waist Opening |
|------|--------|---------------|
| MD   | 27 1/2 | 23 1/2        |
| LG   | 28     | 24 3/4        |
| XL   | 28 3/4 | 25 1/2        |
| 2X   | 29 1/2 | 26 1/2        |
| 3X   | 30     | 27 1/2        |
| 4X   | 30 3/4 | 28 1/4        |
| 5X   | 31 1/4 | 29            |

#### **ADDITIONAL EQUIPMENT NEEDED**

- This garment only provides partial body coverage. It may be worn in combination with other chemical resistant PPE as required based on the hazard assessment.
- 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)                | Tyvek® - ASTM D1777<br>ProShield® 10 - ASTM D1117   | 5.9 mils<br>12 mils                              |
| Basis Weight                        | Tyvek® - ASTM D3776<br>ProShield® 10 - ASTM D3776   | 1.2 oz/yd <sub>2</sub><br>1.3 oz/yd <sub>2</sub> |
| Burst Strength - Mullen.            | Tyvek® - ASTM D774<br>ProShield® 10 - ASTM D3786    | 50 psi<br>23 psi                                 |
| Tear Resistance - Trap Tear (MD)    | Tyvek® - ASTM D5733<br>ProShield® 10 - ASTM D5733   | 6 lb <sub>f</sub><br>4.5 lb <sub>f</sub>         |
| Tear Resistance - Trap Tear (CD)    | Tyvek® - ASTM D5733<br>ProShield® 10 - ASTM D5733   | 5 lb <sub>f</sub><br>7 lb <sub>f</sub>           |
| Breaking Strength - Grab (MD).      | Tyvek® - ASTM D5034<br>ProShield® 10 - ASTM D5034   | 18 lb <sub>f</sub><br>17 lb <sub>f</sub>         |
| Breaking Strength - Grab (CD)       | Tyvek® - ASTM D5034<br>ProShield® 10 - ASTM D5034   | 22 lb <sub>f</sub><br>14 lb <sub>f</sub>         |
| Hydrostatic Head                    | Tyvek® - AATCC 127<br>ProShield® 10 - AATCC 127     | 45" H <sub>2</sub> O<br>20" H <sub>2</sub> O     |
| Surface Resistivity (23°C / 25% RH) | Tyvek® - EN 1149<br>ProShield® 10 - EN 1149         | <2.5 x 10 <sup>9</sup> ohms                      |
| Wearing Apparel Flammability        | Tyvek® - 16 CFR 1610<br>ProShield® 10 - 16 CRF 1610 | Class 1<br>Class 1                               |



## SPECIAL WARNINGS

- \*Intended for use in applications with frontal exposures as only the body front, leg front, arms and hood are made with DuPont™ Tyvek® fabric. Portion not comprised of Tyvek® fabric is more breathable and porous.
- \*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.
- \*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.
- \*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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- Tyvek® 500, Tyvek® 600, Tyvek® 800 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.