DUPONT™ PROSHIELD® 50

TECHNICAL DATA SHEET

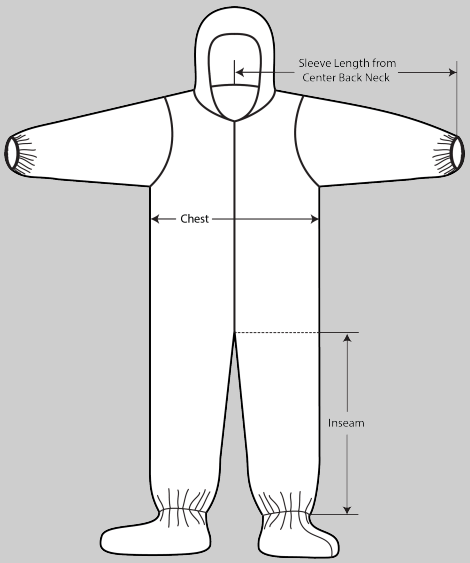


PRODUCT INFORMATION

DuPont™ ProShield® 50 Coverall. Standard Fit Hood. Elastic Wrists. Attached Skid-Resistant Boots. Serged Seams. Pin Lock Slider Zipper Pull. White.

ATTRIBUTES

Full Part Number	NB122SWHxx0025yy (xx=size;yy=option code)
Fabric/Materials	PROSHIELD® 50
Design	Coverall w/ Hood, Elastic Wrists, Att. Skid-Resistant Boots
Seam	Serged
Color	White
Quantity/Box	25 per case
Sizes	SM, MD, LG, XL, 2X, 3X, 4X, 5X, 6X
Option Codes	00



SIZE TABLE

SIZE	SLEEVE LENGTH	CHEST WIDTH	INSEAM	FITS CHEST	FITS HEIGHT	BOOT LENGTH
SM	30 3/4	21 1/2	26	29 3/4 - 33 1/4	5'0" - 5'7"	13 3/4
MD	31 3/4	23 1/2	26	33 3/4 - 37 1/4	5'3" - 5'7"	14 3/4
LG	32 3/4	25 1/4	27	37 1/4 - 40 3/4	5'5" - 5'9"	14 3/4
XL	34 1/2	27	27 3/4	40 3/4 - 44 1/4	5'8" - 6'2"	15 3/4
2X	35 3/4	28 3/4	28 1/4	44 1/4 - 47 3/4	6'0" - 6'4"	14 3/4
3X	37	30 1/2	28 3/4	47 3/4 - 51 1/4	6'2" - 6'4"	16 3/4
4X	37	32 1/4	28 3/4	51 1/4 - 54 3/4	6'4" - 6'7"	15 3/4
5X	40	34	29 1/4	54 3/4 - 58 1/4	6'7" - 6'10"	16 3/4
6X	40	35 1/2	29 1/4	57 3/4 - 61 1/4	6'9" - 7'1"	16 3/4

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PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULT
Thickness	ASTM D751	8 mils
Basis Weight	ASTM D751	1.5 oz/yd^2
Tear Resistance - Trap Tear (MD)	ASTM D5733	7 lb_f
Tear Resistance - Trap Tear (CD)	ASTM D5733	13 lb_f
Breaking Strength - Grab (MD)	ASTM D5034	19 lb_f
Breaking Strength - Grab (CD)	ASTM D5034	11 lb_f
Hydrostatic Head	AATCC 127	50 inches H^2O
Surface Resistivity (25°C / 55% RH)	ASTM D257	8.7 x 10^9 ohms /square
Wearing Apparel Flammability	16 CFR 1610	Class 1

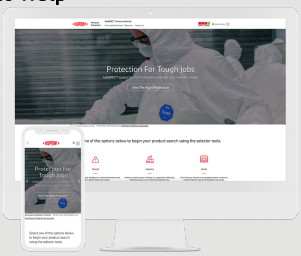
WARNING

*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.

DuPont™ SafeSPEC™ - We're here to help

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



DuPont Personal Protection SafeSPEC™

DuPont Personal Protection

DuPont Personal Protection

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