



### PRODUCT INFORMATION

DuPont™ Tyvek® 400, model TY222S WH. Labcoat. Knee-length. Stitched internal seams. Mandarin collar. Press stud closures. 3 pockets. White.

### ATTRIBUTES

Full Part Number	TYVPL30SWHA2
Fabric/Materials	Tyvek®
Design	Labcoat with 3 pockets
Seam	Stitched (internal)
Color	White
Sizes	MD, LG, XL, 2XL
Quantity/Box	50 per box, individually packed

### FEATURES

- Antistatic treatment (EN 1149-1) - on inside; see footnotes
- Labcoat with collar, 5 press stud closures and 3 pockets

### SIZETABLE

ARTICLE NUMBER	PRODUCT SIZE
D13674751	MD
D13674760	LG
D13674771	XL
D13674788	2X

### PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Abrasion Resistance <sup>7</sup>	EN 530 Method 2	>100 cycles	2 of 6 <sup>1</sup>
Basis Weight	DIN EN ISO 536	41.5 g/m <sup>2</sup>	N/A
Colour.	N/A (598)	White	N/A
Exposure to high Temperature	N/A (598)	Melting point ?135 °C	N/A
Exposure to low Temperature	N/A (598)	Flexibility retained down to -73°C	N/A
Flex Cracking Resistance <sup>7</sup>	EN ISO 7854 Method B	>100000 cycles	6 of 6 <sup>1</sup>
Puncture Resistance	EN 863	>5 N	2 of 6 <sup>1</sup>
Surface Resistance at RH 25%, inside <sup>7</sup>	EN 1149-1	? 2,5x10 <sup>9</sup> Ohm	N/A
Surface Resistance at RH 25%, outside <sup>7</sup>	EN 1149-1	? 2,5x10 <sup>9</sup> Ohm	N/A
Tensile Strength (MD)	DIN EN ISO 13934-1	>30 N	1 of 6 <sup>1</sup>
Tensile Strength (XD)	DIN EN ISO 13934-1	>30 N	1 of 6 <sup>1</sup>
Thickness (PPSH-249)	DIN EN ISO 534	140 µm	N/A
Trapezoidal Tear Resistance (MD)	EN ISO 9073-4	>10 N	1 of 6 <sup>1</sup>
Trapezoidal Tear Resistance (XD)	EN ISO 9073-4	>10 N	1 of 6 <sup>1</sup>

1 According to EN 14325 | 2 According to EN 14126 | 3 According to EN 1073-2 | 4 According to EN 14116 | 12 According to EN 11612 | 5 Front Tyvek® / Back |

6 Based on test according to ASTM D-572 | 7 See Instructions for Use for further information, limitations and warnings | > Larger than | < Smaller than |

N/A Not Applicable | STD DEV Standard Deviation |

### GARMENT PERFORMANCE

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Shelf Life (PPSH-190)	N/A (598)	5 years	N/A

1 According to EN 14325 | 3 According to EN 1073-2 | 12 According to EN 11612 | 13 According to EN 11611 | 5 Front Tyvek® / Back |

6 Based on test according to ASTM D-572 | 7 See Instructions for Use for further information, limitations and warnings |

11 Based on the average of 10 suits, 3 activities, 3 probes | > Larger than | < Smaller than | N/A Not Applicable | \* Based on lowest single value |

### COMFORT

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Air Permeability (Gurley method)	ISO 5636-5	< 45 s	N/A
Air Permeability (Gurley method)	ISO 5636-5	Yes	N/A
Thermal Resistance, Rct	EN 31092/ISO 11092	16.3*10 <sup>-3</sup> m <sup>2</sup> *K/W	N/A
Thermal Resistance, clo value	EN 31092/ISO 11092	0.105 clo	N/A
Water Vapour Resistance, Ret	EN 31092/ISO 11092	11.3 m <sup>2</sup> *Pa/W	N/A

2 According to EN 14126 | 5 Front Tyvek® / Back | > Larger than | < Smaller than | N/A Not Applicable |

### PENETRATION AND REPELLENCY

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Repellency to Liquids, Sodium Hydroxide (10%)	EN ISO 6530	>95 %	3 of 3 <sup>1</sup>
Repellency to Liquids, Sulphuric Acid (30%)	EN ISO 6530	>95 %	3 of 3 <sup>1</sup>
Resistance to Penetration by Liquids, Sodium Hydroxide (10%)	EN ISO 6530	<1 %	3 of 3 <sup>1</sup>
Resistance to Penetration by Liquids, Sulphuric Acid (30%)	EN ISO 6530	<1 %	3 of 3 <sup>1</sup>

1 According to EN 14325 | > Larger than | < Smaller than |

### PARTICLE BARRIER

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Dry Linting Propensity, inside	BS 6909	128 Average particle count/17 liters of air	N/A



## TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Dry Linting Propensity, outside	BS 6909	56 Average particle count/17 liters of air	N/A

1 According to EN 14325 | 2 According to EN 14126 | 3 According to EN 1073-2 | 4 According to EN 14116 | 12 According to EN 11612 | 5 Front Tyvek® / Back | 6 Based on test according to ASTM D-572 | 7 See Instructions for Use for further information, limitations and warnings | > Larger than | < Smaller than | N/A Not Applicable | STD DEV Standard Deviation |

### WARNING

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since DuPont cannot anticipate all variations in actual end-use conditions DuPont makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights.

This garment and/or fabric are not flame resistant and should not be used around heat, open flame, sparks or in potentially flammable environments.

Working in Ex-Zones: Please take this into account for your risk-assessment that the attached socks may isolate the wearer. There is the possibility that the garment and wearer cannot be grounded via the shoes and other measures for grounding the garment and the wearer are required

### 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.

Tyvek® 600 and Tyvek® 500 fabric have different fabric physical properties and improved chemical resistance properties than standard Tyvek® 400 garments.

\*\*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.

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## TECHNICAL DATA SHEET

Tyvek® friction-coated shoe covers or Tyvek® garments with attached friction-coated skid-resistant shoe covers might contain silicone in the shoe-cover. This includes styles TY122, TY121, FC450 and FC454. End users who are consuming these styles and who have concerns about silicone contamination should conduct their own testing to ensure they are suitable for their application(s).


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.



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