

PRODUCT INFORMATION

DuPont™ Tyvek® 500 Xpert Blue. Hooded coverall. Ergonomic-protective design. Stitched external seams. Elasticated wrists, ankles and face. Elasticated waist (glued-in). Tyvek® zipper and flap. Blue

ATTRIBUTES

Full Part Number	TYCHF5SBU00
Fabric/Materials	TYVEK®
Design	Hooded coverall with elastics
Seam	Stitched (external)
Color	Blue
Other Colors	Green,White
Sizes	SM, MD, LG, XL, 2X, 3X
Quantity/Box	100 per box, individually packed.

FEATURES

- Certified according to Regulation (EU) 2016/425.
- Chemical protective clothing, Category III, Type 5-B and 6-B. (1956)
- EN 14126 (barrier to infective agents), EN 1073-2 (protection against radioactive contamination). (2476)
- Antistatic treatment (EN 1149-5) - on inside
- Stitched external seams.
- Very low inward leakage thanks to optimised design
- Tyvek® auto-lock zipper and zipper flap for increased protection..
- Chemical permeation of coloured Tyvek® is not identical to that of white Tyvek® 500/600
- High liquid and particulate protection
- Exceptional design and comfort
- Good breathability thanks to air and moisture vapour permeability
- Overall ergonomic shape for perfect fit and protection when moving

SIZETABLE

PRODUCT SIZE	ARTICLE NUMBER	ADDITIONAL INFO
SM	D14936701	MTO
MD	D14936717	
LG	D14936723	
XL	D14936731	
2X	D14936744	
3X	D14936757	MTO

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Abrasion Resistance ⁷	EN 530 Method 2	>100 cycles	2/6 ¹
Basis Weight	DIN EN ISO 536	44 g/m ²	N/A
Colour.	N/A (598)	Blue	N/A
Exposure to high Temperature	N/A (598)	Melting point ~135 °C	N/A

TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Flex Cracking Resistance ⁷	EN ISO 7854 Method B	>100000 cycles	6/6 ¹
Puncture Resistance	EN 863	>10 N	2/6 ¹
Resistance to water penetration	AATCC 127	10 kPa	N/A
Surface Resistance at RH 25%, inside ⁷	EN 1149-1	< 2,5 · 10 ⁹ Ohm	N/A
Surface Resistance at RH 25%, outside ⁷	EN 1149-1	No antistatic treatment	N/A
Tensile Strength (MD)	DIN EN ISO 13934-1	>60 N	2/6 ¹
Tensile Strength (XD)	DIN EN ISO 13934-1	>60 N	2/6 ¹
Thickness (PPSH-249)	DIN EN ISO 534	150 µm	N/A
Trapezoidal Tear Resistance (MD)	EN ISO 9073-4	>10 N	1/6 ¹
Trapezoidal Tear Resistance (XD)	EN ISO 9073-4	>10 N	1/6 ¹

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 |
 <= Smaller than or equal to | N/A Not Applicable | STD DEV Standard Deviation |

GARMENT PERFORMANCE

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Nominal protection factor ⁷	EN 1073-2	>50	2/3 ³
Seam Strength	EN ISO 13935-2	>75 N	3/6 ¹
Shelf Life ⁷	N/A (598)	10 years ⁶	N/A
Type 5: Inward Leakage of Airborne Solid Particulates	EN ISO 13982-2	Pass	N/A
Type 6: Resistance to Penetration by Liquids (Low Level Spray Test)	EN ISO 17491-4, Method A	Pass	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 | <= Smaller than or equal to | N/A Not Applicable |
 * Based on lowest single value |

COMFORT

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Air Permeability (Gurley method)	TAPPI T460	45 s	N/A

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

PENETRATION AND REPELLENCY

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

1 According to EN 14325 | > Larger than | < Smaller than | <= Smaller than or equal to |

BIOLOGICAL BARRIER

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Resistance to Penetration by Biologically Contaminated Aerosols	ISO/DIS 22611	Pass	1/3 ²
Resistance to Penetration by Blood and Body Fluids using Synthetic Blood	ISO 16603	3,5 kPa	3/6 ²



TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Resistance to Penetration by Blood-borne Pathogens using Bacteriophage Phi-X174	ISO 16604	No classification	No classification ²
Resistance to Penetration by Contaminated Liquids	EN ISO 22610	<= 15 min	1/6 ²
Resistance to Penetration by Contaminated Solid Particles	ISO 22612	Pass	1/3 ²

1 According to EN 14325 | > Larger than | < Smaller than | <= Smaller than or equal to |

WARNING


MTO: Made to order terms & conditions apply. The garment does not protect against ionizing radiation.


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

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