DUPONT™ TYVEK® 600 PLUS

TECHNICAL DATA SHEET

CAT III

T4

T5

T6

EN 1073-2

EN 14126



PRODUCT INFORMATION

DuPont™ Tyvek® 600 Plus Green. Hooded coverall. Stitched and over-taped seams. Thumb loops. Tunnelled elastication at wrists, ankles and face. Elasticated waist (glued-in). Tyvek® zipper. Self-adhesive zipper and chin flap. Green.

ATTRIBUTES

Full Part Number	TYCHA5TGR00
Fabric/Materials	Tyvek® 600 Green
Design	Hooded coverall with elastics and thumb loops
Seam	Stitched and over-taped, green
Color	Green
Other Colors	White
Sizes	XS, SM, MD, LG, XL, 2X, 3X, 4X, 5X, 6X, 7X
Quantity/Box	100 per box, individually packed.

FEATURES

- Certified according to Regulation (EU) 2016/425
- Chemical protective clothing, Category III, Type 4-B, 5-B and 6-B
- EN 14126 (barrier to infective agents)
- Stitched and over-taped seams for protection and strength
- Tyvek® zipper and zipper flap for enhanced protection
- Face, wrist and ankle tunnelled elastication, for good fit and contamination/linting reduction

SIZETABLE

PRODUCT SIZE	ARTICLE NUMBER	ADDITIONAL INFO
SM	D14985797	MTO
MD	D13495715	
LG	D13495709	
XL	D13495738	
2X	D13495686	
3X	D14985805	MTO
4X	D14981522	MTO
5X	D14981537	MTO
6X	D14981545	MTO
7X	D14981558	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	Green	N/A
Exposure to high Temperature	N/A	Melting point ~135 °C	N/A

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PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Flex Cracking Resistance [7]	EN ISO 7854 Method B	>100000 cycles	6/6 [1]
Flex Cracking Resistance at -30°C	EN ISO 7854 Method B	>4000 cycles	N/A
Puncture Resistance	EN 863	>10 N	2/6 [1]
Resistance to water penetration	DIN EN 20811	12 kPa	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	DIN EN ISO 534	140 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 | 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	10 years [6]	N/A
Type 4: Resistance to Penetration by Liquids (High Level Spray Test)	EN ISO 17491-4, Method B	Pass	N/A
Type 5: Inward Leakage [11]	EN ISO 13982-2	0.5 %	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 | N/A Not Applicable | * Based on lowest single value |

COMFORT

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Air Permeability (Gurley method)	ISO 5636-5	Yes	N/A
Air Permeability (Gurley method)	ISO 5636-5	55 s	N/A
Thermal Resistance, Rct	EN 31092/ISO 11092	$26.3*10^{-3}$ m^2*K/W	N/A
Thermal Resistance, clo value	EN 31092/ISO 11092	0.170 clo	N/A
Water Vapour Resistance, Ret	EN 31092/ISO 11092	22.1 m^2*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 %	3/3 [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 |

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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]
Resistance to Penetration by Blood-borne Pathogens using Bacteriophage Phi-X174	ISO 16604 Procedure C	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 |

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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