

DuPont™ Tyvek® 600 Plus , TYCHA5TGR00



Product Description

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.

Certifications

- 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)

Packaging (Quantity/Box)

100 per box, individually packed.

Size	Article Number	Chest Girth(cm)	Body Height(cm)	Chest Girth(in)	Body Height(ft/in)
SM	D14985797	84-92	162-170	33-36	5'4"-5'7"
MD	D13495715	92-100	168-176	36-39	5'6"-5'9"
LG	D13495709	100-108	174-182	39-43	5'8"-6'0"
XL	D13495738	108-116	180-188	43-46	5'11"-5'2"
2X	D13495686	116-124	186-194	46-49	6'1"-6'4"
3X	D14985805	124-132	192-200	49-52	6'3"-6'7"
4X	D14981522	132-140	200-208	52-55	6'7"-6'10"
5X	D14981537	140-148	208-216	55-58	6'10"-7'1"
6X	D14981545	148-156	208-216	58-61	6'10"-7'1"
7X	D14981558	156-162	208-216	61-64	6'10"-7'1"

Reference Number: TYCHA5TGR00

Physical Properties

Property	Test Method	Result	EN Class
Colour	N/A	Green	N/A
Basis Weight	DIN EN ISO 536	44 g/m ²	N/A
Thickness	DIN EN ISO 534	140 µm	N/A
Abrasion Resistance ⁷	EN 530 Method 2	>100 cycles	2 of 6 ¹
Flex Cracking Resistance ⁷	EN ISO 7854 Method B	>100000 cycles	6 of 6 ¹
Flex Cracking Resistance at -30 °C	EN ISO 7854 Method B	>4000 cycles	N/A
Trapezoidal Tear Resistance (MD)	EN ISO 9073-4	26 N	1 of 6 ¹
Trapezoidal Tear Resistance (XD)	EN ISO 9073-4	19 N	1 of 6 ¹
Tensile Strength (MD)	DIN EN ISO 13934-1	92 N	2 of 6 ¹
Tensile Strength (XD)	DIN EN ISO 13934-1	75 N	2 of 6 ¹
Puncture Resistance	EN 863	16 N	2 of 6 ¹
Resistance to Water Penetration	DIN EN 20811	12 kPa	N/A
Exposure to high Temperature	N/A	Melting point ~135 °C	N/A
Exposure to low Temperature	N/A	Flexibility retained down to -73 °C	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

Garment Performance

Property	Test Method	Result	EN Class
Type 4: Resistance to Penetration by Liquids (High Level Spray Test)	EN ISO 17491-4, Method B	Pass	N/A
Type 5: Inward Leakage of Airborne Solid Particulates	EN ISO 13982-2	Pass	N/A
Type 5: Inward Leakage ¹¹	EN ISO 13982-2	0.5 %	N/A
Type 6: Resistance to Penetration by Liquids (Low Level Spray Test)	EN ISO 17491-4, Method A	Pass	N/A
Nominal protection factor ⁷	EN 1073-2	>50	2 of 3 ³
Seam Strength	EN ISO 13935-2	>75 N	3 of 6 ¹
Shelf Life ⁷	N/A	10 years ⁶	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	Result	EN Class
Air Permeability (Gurley method)	ISO 5636-5	Yes	N/A
Air Permeability (Gurley method)	ISO 5636-5	55 s	N/A
Water Vapour Resistance, Ret	EN 31092/ISO 11092	22.1 m ² *Pa/W	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

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

Penetration and Repellency

Property	Test Method	Result	EN Class
Resistance to Penetration by Liquids, Sulphuric Acid (30%)	EN ISO 6530	<1 %	3 of 3 ¹
Resistance to Penetration by Liquids, Sodium Hydroxide (10%)	EN ISO 6530	<1 %	3 of 3 ¹
Repellency to Liquids, Sulphuric Acid (30%)	EN ISO 6530	>95 %	3 of 3 ¹
Repellency to Liquids, Sodium Hydroxide (10%)	EN ISO 6530	>95 %	3 of 3 ¹

1 According to EN 14325 > Larger than < Smaller than

Biological Barrier

Property	Test Method	Result	EN Class
Resistance to Penetration by Blood and Body Fluids using Synthetic Blood	ISO 16603	Pass	3 of 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	Pass	1 of 6 ²
Resistance to Penetration by Biologically Contaminated Aerosols	ISO/DIS 22611	Pass	1 of 3 ²
Resistance to Penetration by Contaminated Solid Particles	ISO 22612	Pass	1 of 3 ²

2 According to EN 14126 > Larger than < Smaller than

Important Note

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