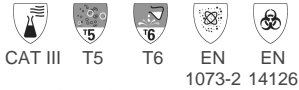


DuPont™ Tyvek® Classic Xpert , Model CHF5b green



Product Description

DuPont™ Tyvek® Classic Xpert Colour, model CHF5b green. Hooded coverall. Ergonomic-protective design. Stitched external seams. Elasticated wrists, ankles and face. Elasticated waist (glued-in). Tyvek® zipper and flap. Green

Certifications

- Chemical protective clothing, Category III, Type 5-B and 6-B
- EN 14126 (barrier to infective agents), EN 1073-2 (protection against radioactive contamination)

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 | D14936647 | 84-92 | 162-170 | 33-36 | 5'4"-5'7" |
| MD | D14936650 | 92-100 | 168-176 | 36-39 | 5'6"-5'9" |
| LG | D14936664 | 100-108 | 174-182 | 39-43 | 5'8"-6'0" |
| XL | D14936675 | 108-116 | 180-188 | 43-46 | 5'11"-5'2" |
| 2X | D14936681 | 116-124 | 186-194 | 46-49 | 6'1"-6'4" |
| 3X | D14936699 | 124-132 | 192-200 | 49-52 | 6'3"-6'7" |

Reference Number: TY CHF5 S GR 00

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 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 |
| Nominal protection factor ⁷ | EN 1073-2 | Nominal protection factor: >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 D | 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.

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.

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For further product information, literature and as well as assistance in locating a local supplier, please visit:

www.safespec.dupont.co.uk

The footnotes can be found on the SafeSPEC™ website.
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Technical_Description_1530_EN.pdf Printed on : March 6, 2018

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