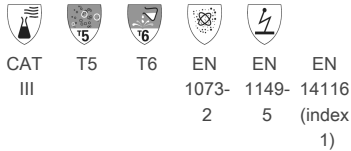




ProShield® 20 SFR, F1CHF5SWH00



ProShield® 20 SFR

DuPont™ ProShield® 20 SFR. Limited flame spread coverall (index 1) with hood. Stitched external orange seams. Elasticated wrists, ankles, face and waist. White.

Certifications

- Certified according to Regulation (EU) 2016/425
- Chemical protective clothing, Category III, Type 5 and 6
- EN 14116 index 1 (limited flame spread), EN 1073-2 (protection against radioactive contamination)
- Antistatic treatment (EN 1149-5) - on both sides
- Stitched external seams in orange for visual identification and differentiation
- Zipper flap for protection

Packaging(Quantity/Box)

50 per box, individually packed.

Product Size	Article Number	Additional info
MD	D14591556	
LG	D14591547	
XL	D14591537	
2X	D14591523	
3X	D14591515	

Full Part Number: F1CHF5SWH00

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	60 g/m ²	N/A
Colour	N/A	White	N/A
Exposure to high Temperature	N/A	Melting point ~165 °C	N/A
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
Limited Flame Spread ⁷	EN ISO 15025:2003 procedure A	Pass	Index 1 ⁴
Puncture Resistance	EN 863	>5 N	1/6 ¹
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	< 2,5 · 10 ⁹ Ohm	N/A
Tensile Strength (MD)	DIN EN ISO 13934-1	>30 N	1/6 ¹
Tensile Strength (XD)	DIN EN ISO 13934-1	>30 N	1/6 ¹
Trapezoidal Tear Resistance (MD)	EN ISO 9073-4	>20 N	2/6 ¹
Trapezoidal Tear Resistance (XD)	EN ISO 9073-4	>20 N	2/6 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	>5	1/3 ³
Seam Strength	EN ISO 13935-2	>75 N	3/6 ¹
Shelf Life ⁷	N/A	18 months ⁶	N/A
Type 5: Inward Leakage ¹¹	EN ISO 13982-2	8 %	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	0 s	N/A
Thermal Resistance, Rct	EN 31092/ISO 11092	$34.3 \cdot 10^{-3} \text{ m}^2 \cdot \text{K/W}$	N/A
Thermal Resistance, clo value	EN 31092/ISO 11092	0.211 clo	N/A
Water Vapour Resistance, Ret	EN 31092/ISO 11092	$2.2 \text{ m}^2 \cdot \text{Pa/W}$	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

- ProShield® FR model CHF5 is made of fabric that offers a limited protection against flame. Index 1 fabrics will melt and holes will be formed. The material does not constitute a thermal barrier. ProShield® FR model CHF5 must always be worn on top of under garments that are heat and flame protective garments of index 2 or 3. ProShield® FR model CHF5 must never be in direct contact with the skin.
- The antistatic properties may reduce over time. The user must ensure the dissipative performance is sufficient for the application.
- 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.

