Technical data sheet

DuPont™ ProShield® Basic , *Model CHF5*

CAT III T5 T6 EN 1073-2 EN 1149-5

Product Description

DuPont™ ProShield® Basic, model CHF5. Hooded coverall. Stitched external seams. Elasticated wrists, ankles and face. Elasticated waist (stitched-in). Zipper flap. White.

Certifications

- Chemical protective clothing, Category III, Type 5 and 6
- EN 1073-2 (protection against radioactive contamination)
- Antistatic treatment (EN 1149-5) - on inside

Packaging(Quantity/Box)

50 per box, individually packed.

Size	Article Number	Chest Girth(cm)	Body Height(cm)	Chest Girth(in)	Body Height(ft/in)
SM	D15338118	84-92	162-170	33-36	5'4"-5'7"
MD	D15338122	92-100	168-176	36-39	5'6"-5'9"
LG	D15338134	100-108	174-182	39-43	5'8"-6'0"
XL	D15338149	108-116	180-188	43-46	5'11"-5'2"
2X	D15338157	116-124	186-194	46-49	6'1"-6'4"
3X	D15338160	124-132	192-200	49-52	6'3"-6'7"

Reference Number: PB CHF5 S WH 00

Physical Properties

Property	Test Method	Result	EN Class
Colour	N/A	White	N/A
Basis Weight	DIN EN ISO 536	43 g/m^2	N/A
Abrasion Resistance [7]	EN 530 Method 2	>10 cycles	1 of 6 [1]
Flex Cracking Resistance [7]	EN ISO 7854 Method B	>1000 cycles	1 of 6 [1]
Trapezoidal Tear Resistance (MD)	EN ISO 9073-4	>10 N	1 of 6 [1]
Trapezoidal Tear Resistance (XD)	EN ISO 9073-4	>10 N	1 of 6 [1]
Tensile Strength (XD)	DIN EN ISO 13934-1	>30 N	1 of 6 [1]
Tensile Strength (XD)	DIN EN ISO 13934-1	>30 N	1 of 6 [1]
Puncture Resistance	EN 863	>5 N	1 of 6 [1]
Resistance to Water Penetration	DIN EN 20811	3 kPa	N/A
Surface Resistance at RH 25%, inside [7]	EN 1149-1	2,510 Ohm	N/A
Surface Resistance at RH 25%, outside [7]	EN 1149-1	No antistatic treatment	N/A
Exposure to high Temperature	N/A	Melting point ~165 °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 [7]	N/A
Type 5: Inward Leakage [11]	EN ISO 13982-2	14 %	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	>5: [7]	1 of 3 [3]
Seam Strength	EN ISO 13935-2	>50 N	2 of 6 [1]
Shelf Life [7]	N/A	3 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

Penetration and Repellency			
Property	Test Method	Result	EN Class
Resistance to Penetration by Liquids, Sulphuric Acid (30%)	EN ISO 6530	<5 %	2 of 3 [1]
Resistance to Penetration by Liquids, Sodium Hydroxide (10%)	EN ISO 6530	<5 %	2 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	>80 %	1 of 3 [1]

1 According to EN 14325 **>** Larger than **<** Smaller than

Important Note

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.

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

www.safespec.dupont.co.uk

DuPont Personal Protection
DuPont de Nemours (Luxembourg) S.àr.l.
L-2984 Luxembourg
Tel.: +800 3666 6666 (international toll-free)
Fax: +352 3666 5071
E-mail: personal.protection@lux.dupont.com

The footnotes can be found on the SafeSPEC™ website.
Copyright © DuPont. All rights reserved. The DuPont Oval Logo, DuPont™, The miracles of science™ and all products denoted with ® or ™ are registered trademarks or trademarks of E. I. du Pont de Nemours and Company or its affiliates.

The miracles of science™