PBCHF5SWH00

ProShield® 20

DuPont™ ProShield® 20 White. Hooded coverall. Stitched external seams. Elasticated wrists, ankles and face. Elasticated waist (stitched-in). Zipper flap. White.

Name	Description
Full Part Number	PBCHF5SWH00
Fabric/Materials	PROSHIELD®
Design	Hooded coverall with elastics
Seam	Stitched (external)
Color	White
Other Colors	Blue
Sizes	SM, MD, LG, XL, 2X, 3X
Quantity/Box	50 per box, individually packed.

FEATURES & PRODUCT DETAILS

DuPont™ ProShield® 20 White. Hooded coverall available in white in sizes SM to 3X (a blue garment is also available). 2-piece hood. Elasticated face, wrists, waist and ankles.
ProShield® 20 garments, based on SMS fabric technology, are designed to protect workers from certain substances with a high level of comfort. They are typically used, depending on toxicity and exposure conditions, for protection against particles (Type 5), limited liquid splashes or sprays (Type 6).
ProShield® 20 garments are an ideal choice for workers seeking protection against dirt and grime during light duty work and other industries.

- Certified according to Regulation (EU) 2016/425.
- Chemical protective clothing, Category III, Type 5 and 6.
- EN 1073-2 (protection against radioactive contamination)
- Antistatic treatment (EN 1149-5) - on both sides.
- Stitched external seams.
- Nylon zipper with flap
- High comfort level: high air and water vapour permeability

SIZES

Product Size	Article Number	Additional info
SM	D15338118	
MD	D15338122	
LG	D15338134	
XL	D15338149	
2X	D15338157	
3X	D15338160	

Physical Properties

Data relating to mechanical performance of the fabrics used in DuPont chemical protective clothing, listed for the selected garment according to the test methods and relevant European standard, if applicable. Such properties, including abrasion and flex-cracking resistance, tensile strength and puncture resistance can help in the assessment of protective performance.

Property	Test Method	Typical Result	EN
Abrasion Resistance [7]	EN 530 Method 2	>10 cycles	1/6 [1]
Basis Weight	DIN EN ISO 536	43 g/m^2	N/A
Flex Cracking Resistance [7]	EN ISO 7854 Method B	>1000 cycles	1/6 [1]
Puncture Resistance	EN 863	>5 N	1/6 [1]
Resistance to water penetration	AATCC 127	3 kPa	N/A
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	>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 <= Smaller than or equal to N/A Not Applicable STD DEV Standard Deviation

COMFORT

The comfort of a protective garment during use is largely determined by its weight, its permeability to vapour and air (breathability) and insulating properties. Data on these attributes is provided according to test method and, as with other data, can be compared by garment.

Property	Test Method	Typical Result	EN
Air Permeability (Gurley method)	TAPPI T460	0 s	N/A
Air Permeability (Gurley method)	TAPPI T460	Yes	N/A

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

PENETRATION AND REPELLENCY

A specific test method, EN ISO 6530, is used to measure the indexes of penetration, absorption and repellency of protective clothing material exposed to liquid chemicals. Results listed here reflect the penetration resistance and repellency of DuPont fabrics to 30% sulphuric acid and 10% sodium hydroxide.

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

1 According to EN 14325 > Larger than < Smaller than <= Smaller than or equal to

GARMENT PERFORMANCE

Information relating to the protective performance of a garment according to European standards where applicable. Includes important characteristics such as protection against radioactive contamination, seam strength and shelf life. Inward leakage and resistance to penetration by liquids, according to the relevant Type classification, are also detailed.

Property	Test Method	Typical Result	EN
Nominal protection factor [7]	EN 1073-2	>5	1/3 [3]
Seam Strength	EN ISO 13935-2	>50 N	2/6 [1]
Shelf Life [7]	N/A.	3 years [6]	N/A
Type 5: Inward Leakage [11]	EN ISO 13982-2	10 %	N/A
Type 5: Inward Leakage of Airborne Solid Particulates	EN ISO 13982-2	Pass [7]	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 <= Smaller than or equal to N/A Not Applicable * Based on lowest single value

WARNING

- 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.
- This garment and/or fabric are not flame resistant and should not be used around heat, open flame, sparks or in potentially flammable environments.