P6127SWH00

ProShield® 60

DuPont™ ProShield® 60. Hooded coverall. Stitched internal seams. Elasticated wrists, ankles and face. Elasticated waist (glued-in). Zipper flap. White.

Name	Description
Full Part Number	P6127SWH00
Fabric/Materials	ProShield® 60
Design	Hooded coverall with elastics
Seam	Stitched (internal)
Color	White
Sizes	SM, MD, LG, XL, 2X, 3X, 4X, 5X, 6X, 7X
Quantity/Box	50 per box, individually packed.

FEATURES & PRODUCT DETAILS

DuPont™ ProShield® 60. Hooded coverall available in white in sizes SM to 7X. New pattern for optimal fit. Elasticated face, wrists, waist and ankles.
ProShield® 60 garments comprise a microporous film on a polypropylene nonwoven fabric and combine good particle protection with high liquid repellency. They help provide a barrier against non-hazardous dry particles down to one micron in size, are repellent to liquids. This material offers limited comfort: it is permeable to moisture vapour only and it is not air permeable.
ProShield® 60 garments are an ideal choice for applications that are less demanding in terms of barrier, durability and comfort, for example general maintenance, hospitals 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 inside
- Stitched internal seams
- Nylon zipper with flap
- Good liquid repellency
- Protection against low-medium concentrated water-based chemicals

SIZES

Product Size	Article Number	Additional info
SM	D15519552	
MD	D15519553	
LG	D15519554	
XL	D15519555	
2X	D15519556	
3X	D15519557	
4X	D15536384	MTO
5X	D15536385	MTO
6X	D15536386	MTO
7X	D15536387	MTO

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	55-63 g/m^2	N/A
Charge Decay	EN 1149-3	< 4 s	N/A
Colour	N/A.	White	N/A
Flex Cracking Resistance [7]	EN ISO 7854 Method B	>5000 cycles	3/6 [1]
Puncture Resistance	EN 863	>5 N	1/6 [1]
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	No	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	>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 <= 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]
Type 5: Inward Leakage [11]	EN ISO 13982-2	2.5 %	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 <= Smaller than or equal to N/A Not Applicable * Based on lowest single value

WARNING

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