# Technical Data Sheet



## ProShield® 60, P6127SWH00



### ProShield® 60

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

#### Certifications

- 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

#### Packaging(Quantity/Box)

50 per box, individually packed.

Full Part Number: P6127SWH00

PHYSICAL PROPERTIES						
Property	Test Method	Typical Result	EN			
Abrasion Resistance <sup>7</sup>	EN 530 Method 2	>10 cycles	1/6 <sup>1</sup>			
Basis Weight	DIN EN ISO 536	60 g/m <sup>2</sup>	N/A			
Colour	N/A (598)	White	N/A			
Flex Cracking Resistance <sup>7</sup>	EN ISO 7854 Method B	>40000 cycles	5/6 <sup>1</sup>			
Puncture Resistance	EN 863	>5 N	1/6 <sup>1</sup>			
Surface Resistance at RH 25%, inside <sup>7</sup>	EN 1149-1	< 2,5 • 10 <sup>9</sup> Ohm	N/A			
Surface Resistance at RH 25%, outside <sup>7</sup>	EN 1149-1	No antistatic treatment	N/A			
Tensile Strength (MD)	DIN EN ISO 13934-1	>30 N	1/6 <sup>1</sup>			
Tensile Strength (XD)	DIN EN ISO 13934-1	>30 N	1/6 <sup>1</sup>			
Trapezoidal Tear Resistance (MD)	EN ISO 9073-4	>10 N	1/6 <sup>1</sup>			
Trapezoidal Tear Resistance (XD)	EN ISO 9073-4	>10 N	1/6 <sup>1</sup>			

 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 Typek © / Back
 6 Based on test according to ASTM D-572
 7 See

 Instructions for Use for further information, limitations and warnings
 > Larger than
 NA Not Applicable
 STD DEV Standard Deviation
 6 Based on test according to ASTM D-572
 7 See

GARMENT PERFORMANCE					
Property	Test Method	Typical Result	EN		
Nominal protection factor <sup>7</sup>	EN 1073-2	>5	1/3 <sup>3</sup>		
Seam Strength	EN ISO 13935-2	>50 N	2/6 1		
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 Use

COMFORT			
Property	Test Method	Typical Result	EN
Air Permeability (Gurley method)	ISO 5636-5	No	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 <sup>1</sup>			
Repellency to Liquids, Sulphuric Acid (30%)	EN ISO 6530	>95 %	3/3 <sup>1</sup>			
Resistance to Penetration by Liquids, Sodium Hydroxide (10%)	EN ISO 6530	<1 %	3/3 <sup>1</sup>			
Resistance to Penetration by Liquids, Sulphuric Acid (30%)	EN ISO 6530	<1 %	3/3 <sup>1</sup>			

1 According to EN 14325 > Larger than < Smaller than

- 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.

Technical\_Description\_proshield-60-p6127swh00.pdf printed on February 1, 2021 page 5 of 5