



## TECHNICAL DATA SHEET

- CAT III
- T5
- T6
- EN 1073-2
- EN 1149-5
- EN 14126



### PRODUCT INFORMATION

DuPont™ Tyvek® APX™ 400 TA198S. New generation of Tyvek® for PPE. Robust yet lightweight protection providing a barrier against fine particles and low-level sprays in an extremely breathable white hooded coverall made with the innovative new Tyvek® APX™ fabric. Features stitched external seams, a respirator fit three-piece hood, thumb loops, an ergonomic design, elasticated wrists, ankles, face, and waist (glued-in) and a Tyvek® zipper with a pin lock slider zipper pull and a storm flap. Suitable for a variety of applications including pharmaceutical handling, chemical processing, general maintenance, and spray painting.

### ATTRIBUTES

<b>Full Part Number</b>	TA198SWH00
<b>Fabric/Materials</b>	Tyvek® APX™ 400
<b>Design</b>	Hooded coverall with elastics and thumb loops
<b>Seam</b>	Stitched (external)
<b>Color</b>	White
<b>Sizes</b>	SM, MD, LG, XL, 2X, 3X
<b>Quantity/Box</b>	25 per box, individually packed.

### FEATURES

- Certified according to Regulation (EU) 2016/425.
- Chemical protective clothing, Category III, Type 5-B (EN ISO 13982-1) and 6-B (EN 13034)
- Antistatic treatment (EN 1149-5) - on both sides.
- Barrier to infective agents (EN 14126)
- Protection against radioactive contamination (EN 1073-2)
- Tyvek® thumb loops for improved sleeve fit.
- Tyvek® zipper and zipper flap for enhanced protection
- Extremely breathable all around
- 360° protection and durability of Tyvek® fabric
- Boxes of 25 eaches without value packs contributing to less plastic waste; individual bags based on post-consumer recycled content

### SIZETABLE

PRODUCT SIZE	ARTICLE NUMBER	ADDITIONAL INFO
SM	D15582416	
MD	D15582417	
LG	D15582418	
XL	D15582419	
2X	D15582420	
3X	D15582421	

### PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Abrasion Resistance <sup>7</sup>	EN 530 Method 2	>100 cycles	2/6 <sup>1</sup>
Basis Weight	DIN EN ISO 536	41.5 g/m <sup>2</sup>	N/A



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PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Colour	N/A.	White	N/A
Exposure to high Temperature	N/A.	Melting point ~135 °C	N/A
Flex Cracking Resistance <sup>7</sup>	EN ISO 7854 Method B	>100000 cycles	6/6 <sup>1</sup>
Puncture Resistance	EN 863	>10 N	2/6 <sup>1</sup>
Resistance to water penetration	AATCC 127	>10 kPa	N/A
Charge Decay (t <sub>50</sub> )	EN 1149-3	< 4 s	N/A
Tensile Strength (MD)	EN ISO 13934-1	>60 N	2/6 <sup>1</sup>
Tensile Strength (XD)	EN ISO 13934-1	>60 N	2/6 <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 ISO 14116 | 12 According to EN ISO 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 |

### GARMENT PERFORMANCE

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Type 5: Inward Leakage of Airborne Solid Particulates	EN ISO 13982-2	Pass	N/A
Type 5: Inward Leakage <sup>11</sup>	EN ISO 13982-2	1%	N/A
Type 6: Resistance to Penetration by Liquids (Low Level Spray Test)	EN ISO 17491-4, Method A	Pass	N/A
Shelf Life <sup>7</sup>	N/A.	10 years <sup>6</sup>	N/A
Seam Strength	EN ISO 13935-2	>75 N	3/6 <sup>1</sup>
Nominal protection factor <sup>7</sup>	EN 1073-2	>50	2/3 <sup>3</sup>

1 According to EN 14325 | 3 According to EN 1073-2 | 12 According to EN ISO 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 |

### COMFORT

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Air Permeability (Gurley method)	TAPPI T460	<11 s	N/A
Water Vapour Resistance, Ret	EN ISO 11092	≤ 6 s	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

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 | <= Smaller than or equal to |

### BIOLOGICAL BARRIER



## TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Resistance to Penetration by Biologically Contaminated Aerosols	ISO/DIS 22611	1 < log ratio < 3	1/3 <sup>2</sup>
Resistance to Penetration by Blood and Body Fluids using Synthetic Blood	ISO 16603	3,5 kPa	3/6 <sup>2</sup>
Resistance to Penetration by Blood-borne Pathogens using Bacteriophage Phi-X174	ISO 16604	No classification	N/A
Resistance to Penetration by Contaminated Liquids	EN ISO 22610	≤ 15 min	1/6 <sup>2</sup>
Resistance to Penetration by Contaminated Solid Particles	ISO 22612	2 < log cfu < 3	1/3 <sup>2</sup>

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

### WARNING


The garment does not protect against ionizing radiation.


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

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**CREATED ON: FEBRUARY 19, 2026**

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