

DUPONT™ TYVEK® APX™ 400 – Feel the Performance



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

Full Part Number	TA198SWH00
Fabric /Materials	Tyvek® APX™ 400
Design	Hooded coverall with elastics and thumb loops
Seam	Stitched (external)
Color	White

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.

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Abrasion Resistance ⁷	EN 530 Method 2	> 100 cycles	2/6 ¹
Basis Weight	DIN EN ISO 536	41.5 g/m ²	N/A
Colour	N/A	White	N/A
Exposure to high Temperature	N/A	Melting point ~135 °C	N/A
Flex Cracking Resistance ⁷	EN ISO 7854 Method B	> 100000 cycles	6/6 ¹
Puncture Resistance	EN 863	> 10 N	2/6 ¹
Resistance to Water Penetration	AATCC 127	> 10 kPa	N/A
Charge decay ⁷	EN 1149-3	T ₅₀ < 4 s	N/A
Tensile Strength (MD)	DIN EN ISO 13934-1	> 60 N	2/6 ¹
Tensile Strength (XD)	DIN EN ISO 13934-1	> 60 N	2/6 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 | 7 See Instructions for Use for further information, limitations and warnings | > Larger than | < Smaller than | N/A Not Applicable |

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GARMENT PERFORMANCE

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Nominal Protection Factor ⁷	EN 1073-2	> 50	2/3 ³
Seam Strength	EN ISO 13935-2	> 75 N	3/6 ¹
Shelf Life ⁷	N/A	10 years ⁶	N/A
Type 5: Inward Leakage ¹¹	EN ISO 13982-2	1%	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 | 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 | N/A Not Applicable

COMFORT

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Air Permeability (Gurley method)	TAPPI T460	< 10 s	N/A
Water-vapour Resistance, Ret	EN ISO 11092	< 6 m ² .Pa/W	N/A

PENETRATION AND REPELLENCY

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 |

BIOLOGICAL BARRIER

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Resistance to Penetration by Blood and Body Fluids using Synthetic Blood	ISO 16603	3,5 kPa	3/6 ¹
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 ¹
Resistance to Penetration by Biologically Contaminated Aerosols	ISO/DIS 22611	1 < log ratio < 3	1/3 ¹
Resistance to Penetration by Contaminated Solid Particles	ISO 22612	2 < log cfu < 3	1/3 ¹

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

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WARNING

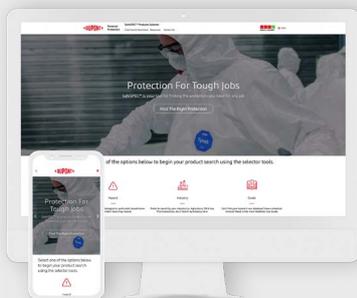
The garment does not protect against ionizing radiation.

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

DuPont™ SafeSPEC™ - We're here to help

Our powerful web-based tool can assist you with finding the appropriate DuPont garments for chemical and controlled environment hazards.



DuPont Personal Protection SafeSPEC™



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