DUPONT™ TYVEK® APX™ 400

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
Sizes	SM, MD, LG, XL, 2X, 3X
Quantity/Box	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 [7]	EN 530 Method 2	>100 cycles	2/6 [1]
Basis Weight	DIN EN ISO 536	41.5 g/m^2	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 [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 (t_{50})	EN 1149-3	< 4 s	N/A
Tensile Strength (MD)	EN ISO 13934-1	>60 N	2/6 [1]
Tensile Strength (XD)	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 | 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 [11]	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 [7]	N/A.	10 years [6]	N/A
Seam Strength	EN ISO 13935-2	>75 N	3/6 [1]
Nominal protection factor [7]	EN 1073-2	>50	2/3 [3]

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	<10 s	N/A
Water Vapour Resistance, Ret	EN ISO 11092	$\leq$ 6 m^2· Pa/W	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 [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 |

BIOLOGICAL BARRIER

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

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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