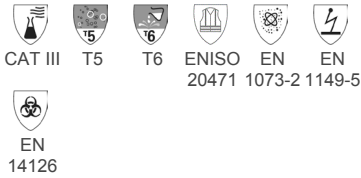


DuPont™ Tyvek® 500 HV , TY0125SHVPI



Product Description

DuPont™ Tyvek® 500 HV. Collared coverall. Ergonomic-protective design. Stitched external seams. Elasticated wrists and ankles. Elasticated waist (glued-in). Tyvek® zipper and flap. Fluorescent orange with grey reflective bands.

Certifications

- Chemical protective clothing, Category III, Type 5-B and 6-B
- EN 14126 (barrier to infective agents), EN 1073-2 (protection against radioactive contamination), **EN ISO 20471 (High Visibility Clothing, Class 3)**
- Antistatic treatment (EN 1149-5) - on inside



Size	Article Number	Chest Girth(cm)	Body Height(cm)	Chest Girth(in)	Body Height(ft/in)
SM	D15452912	78-87	150-160	30 3/4-34 1/4	5'0"-5'7"
MD	D15452925	87-97	160-170	34 3/4-38 1/4	5'3"-5'7"
LG	D15452937	97-107	165-175	38 3/4-42 1/4	5'5"-5'9"
XL	D15452942	107-117	173-188	42 3/4-46 1/4	5'8"-6'2"
2X	D15452952	117-127	183-193	46 3/4-50 1/4	6'0"-6'4"
3X	D15452961	127-137	188-193	50 1/4-53 3/4	6'2"-6'4"

Reference Number: TY0125SHVPI

Physical Properties

Property	Test Method	Result	EN Class
Colour	N/A	Fluorescent Orange	N/A
Basis Weight	DIN EN ISO 536	46 g/m ²	N/A
Abrasion Resistance ⁷	EN 530 Method 2	>100 cycles	2 of 6 ¹
Flex Cracking Resistance ⁷	EN ISO 7854 Method B	>15000 cycles	4 of 6 ¹
Trapezoidal Tear Resistance (MD)	EN ISO 9073-4	>10 N	1 of 6 ¹
Trapezoidal Tear Resistance (XD)	EN ISO 9073-4	>10 N	1 of 6 ¹
Tensile Strength (MD)	DIN EN ISO 13934-1	>60 N	2 of 6 ¹
Tensile Strength (XD)	DIN EN ISO 13934-1	>60 N	2 of 6 ¹
Puncture Resistance	EN 863	>10 N	2 of 6 ¹
Surface Resistance at RH 25%, inside ⁷	EN 1149-1	< 2,5 • 10 ⁹ Ohm	N/A
Surface Resistance at RH 25%, outside ⁷	EN 1149-1	No antistatic treatment	N/A

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 N/A Not Applicable STD DEV Standard Deviation

Garment Performance

Property	Test Method	Result	EN Class
Type 5: Inward Leakage of Airborne Solid Particulates	EN ISO 13982-2	Pass ⁷	N/A
Type 6: Resistance to Penetration by Liquids (Low Level Spray Test)	EN ISO 17491-4, Method A	Pass	N/A
Nominal protection factor ⁷	EN 1073-2	>5	1 of 3 ³
Seam Strength	EN ISO 13935-2	>75 N	3 of 6 ¹
Shelf Life ⁷	N/A	5 years ⁶	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 N/A Not Applicable * Based on lowest single value

Comfort

Property	Test Method	Result	EN Class
Air Permeability (Gurley method)	ISO 5636-5	Yes	N/A
Air Permeability (Gurley method)	ISO 5636-5	<300 s	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	Result	EN Class
Resistance to Penetration by Liquids, Sulphuric Acid (30%)	EN ISO 6530	<1 %	3 of 3 ¹
Resistance to Penetration by Liquids, Sodium Hydroxide (10%)	EN ISO 6530	<1 %	3 of 3 ¹
Repellency to Liquids, Sulphuric Acid (30%)	EN ISO 6530	>95 %	3 of 3 ¹
Repellency to Liquids, Sodium Hydroxide (10%)	EN ISO 6530	>95 %	3 of 3 ¹

1 According to EN 14325 > Larger than < Smaller than

Biological Barrier

Property	Test Method	Result	EN Class
Resistance to Penetration by Blood and Body Fluids using Synthetic Blood	ISO 16603	Pass	2 of 6 ²
Resistance to Penetration by Blood-borne Pathogens using Bacteriophage Phi-X174	ISO 16604 Procedure C	undetermined	N/A
Resistance to Penetration by Contaminated Liquids	EN ISO 22610	Pass	1 of 6 ²
Resistance to Penetration by Biologically Contaminated Aerosols	ISO/DIS 22611	log ratio >5	3 of 3 ²
Resistance to Penetration by Contaminated Solid Particles	ISO 22612	log cfu <1	3 of 3 ²

2 According to EN 14126 > Larger than < Smaller than

High Visibility Clothing

Property	Test Method	Result	EN Class
Chromaticity coordinates xy	EN ISO 20471	Pass	N/A
Luminance β	EN ISO 20471	Pass	N/A
Photometric performance	EN ISO 20471	Pass	N/A
High visibility and reflective tape surfaces	EN ISO 20471	Pass	3 of 3 ¹⁴
Design conception	EN ISO 20471	Pass	N/A

14 According to EN ISO 20471

Important Note

- 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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