



### PRODUCT INFORMATION

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.

### ATTRIBUTES

Full Part Number	TY0125SHV00
Fabric/Materials	Tyvek® 500 HV
Design	Collared coverall with elastics
Seam	Stitched (external)
Color	Orange
Sizes	SM, MD, LG, XL, 2X, 3X

### FEATURES

- Certified according to Regulation (EU) 2016/425
- 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), RIS-3279-TOM Issue 1**
- Antistatic treatment (EN 1149-5) - on inside
- Stitched external seams
- Very low inward leakage thanks to optimised design

### SIZETABLE

PRODUCT SIZE	ARTICLE NUMBER	ADDITIONAL INFO
SM	D15522180	
MD	D15522181	
LG	D15522182	
XL	D15522183	
2X	D15522184	
3X	D15522185	

### 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	46 g/m <sup>2</sup>	N/A
Colour	N/A (598)	Fluorescent Orange (GO/RT 3279)	N/A
Flex Cracking Resistance <sup>7</sup>	EN ISO 7854 Method B	>15000 cycles	4/6 <sup>1</sup>
Puncture Resistance	EN 863	>10 N	2/6 <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>

## TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
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 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	TYPICAL RESULT	EN
Nominal protection factor <sup>7</sup>	EN 1073-2	>5	1/3 <sup>3</sup>
Seam Strength	EN ISO 13935-2	>75 N	3/6 <sup>1</sup>
Shelf Life <sup>7</sup>	N/A (598)	5 years <sup>6</sup>	N/A
Type 5: Inward Leakage <sup>11</sup>	ISO 16603	2.0 %	N/A
Type 5: Inward Leakage of Airborne Solid Particulates	EN ISO 13982-2	Pass <sup>7</sup>	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 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	TYPICAL RESULT	EN
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	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 |

## BIOLOGICAL BARRIER

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Resistance to Penetration by Biologically Contaminated Aerosols	ISO/DIS 22611	Pass	2/3 <sup>2</sup>
Resistance to Penetration by Blood and Body Fluids using Synthetic Blood	ISO 16603	1,75 kPa	2/6 <sup>2</sup>
Resistance to Penetration by Blood-borne Pathogens using Bacteriophage Phi-X174	ISO 16604 Procedure C	undetermined	undetermined
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	log cfu <1	3/3 <sup>2</sup>

1 According to EN 14325 | > Larger than | < Smaller than |

## HIGH VISIBLTY CLOTHING

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Chromaticity coordinates xy	EN ISO 20471	Pass	N/A
Design conception	EN ISO 20471	Pass	N/A
High visibility and reflective tape surfaces	EN ISO 20471	Pass	3/3 <sup>14</sup>
Luminance β	EN ISO 20471	Pass	N/A
Photometric performance	EN ISO 20471	Pass	N/A

14 According to EN ISO 20471 |

### 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.

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