



PRODUCT INFORMATION

DuPont™ Tyvek® 500 Safety Orange. Hooded coverall. Stitched external seams. Elastication at wrists, ankles and face. Elastication at waist (glued-in). Tyvek® zipper and flap. Fluorescent Orange.

ATTRIBUTES

Full Part Number	TY198SHVA0
Fabric/Materials	Tyvek® Safety Orange
Design	Hooded coverall with elastics
Seam	Stitched (external)
Color	Fluorescent Orange
Sizes	SM, MD, LG, XL, 2XL, 3XL, 4XL
Quantity/Box	50 per box, individually packed

FEATURES

- Limited-Use protective clothing, Type 5-B and 6-B Protection
- EN 14126 (barrier to infective agents), EN 1073-2 (protection against radioactive contamination).
- Tested to EN ISO 20471 (High Visibility Clothing) for Chromaticity and Luminance
- Antistatic treatment (EN 1149-5) - on inside
- Stitched external seams
- Very low inward leakage thanks to optimised design

SIZETABLE

ARTICLE NUMBER	PRODUCT SIZE
D15564072	SM
D15564073	MD
D15564074	LG
D15564075	XL
D15564076	2XL
D15564077	3XL
D15564078	4XL

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	46 g/m ²	N/A
Colour	N/A	Fluorescent Orange (GO/RT 3279)	N/A
Flex Cracking Resistance ⁷	EN ISO 7854 Method B	>15000 cycles	4/6 ¹
Puncture Resistance	EN 863	>10 N	2/6 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
Tensile Strength (MD)	DIN EN ISO 13934-1	>30 N	1/6 ¹



TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Tensile Strength (XD)	DIN EN ISO 13934-1	>30 N	1/6 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 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 ⁷	EN 1073-2	>5	1/3 ³
Seam Strength	EN ISO 13935-2	>75 N	3/6 ¹
Shelf Life ⁷	N/A	5 years ⁶	N/A
Type 5: Inward Leakage ¹¹	ISO 16603	2.00%	N/A
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

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 of 3 ¹
Repellency to Liquids, Sulphuric Acid (30%)	EN ISO 6530	>95 %	3 of 3 ¹
Resistance to Penetration by Liquids, Sodium Hydroxide (10%)	EN ISO 6530	<1 %	3 of 3 ¹
Resistance to Penetration by Liquids, Sulphuric Acid (30%)	EN ISO 6530	<1 %	3 of 3 ¹

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 ²
Resistance to Penetration by Blood and Body Fluids using Synthetic Blood	ISO 16603	1,75 kPa	2/6 ²
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 ²
Resistance to Penetration by Contaminated Solid Particles	ISO 22612	log cfu <1	3/3 ²

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

HIGH VISIBILITY CLOTHING



TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Chromaticity coordinates xy	EN ISO 20471	Pass	N/A
Luminance β	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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